

Chapter 11

Grade Seven – World History and Geography: Medieval and Early Modern Times

- How did the distant regions of the world become more interconnected through medieval and early modern times?
- What were the multiple ways people of different cultures interacted at sites of encounter? What were the effects of their interactions?
- How did the environment and technological innovations affect the expansion of agriculture, cities, and human population? What impact did human expansion have on the environment?
- Why did many states and empires gain more power over people and territories over the course of medieval and early modern times?
- How did major religions (Christianity, Islam, Buddhism, Hinduism, and Sikhism) and cultural systems (Confucianism, the Scientific Revolution, and the Enlightenment) develop and change over time? How did they spread to multiple cultures?

The medieval and early modern periods provide students with opportunities to study the rise and fall of empires, the diffusion of religions and languages, and significant movements of people, ideas, and products. Over this period, the regions of the world became more and more interconnected. Although societies

were quite distinct from each other, there were more exchanges of people, products, and ideas in every century. For this reason, world history in this period can be a bewildering catalog of names, places, and events that impacted individual societies, while the larger patterns that affected the world are lost. To avoid this, the focus must be on questions that get at the larger world geographical, historical, economic, and civic patterns. To answer these questions, students study content-rich examples and case studies, rather than surveying all places, names, and events superficially. Students approach history not only as a body of content (such as events, people, ideas, or historical accounts) to be encountered or mastered, but as an investigative discipline. They analyze evidence from written and visual primary sources, supplemented by secondary sources, to form historical interpretations. Both in writing and speaking, they cite evidence from textual sources to support their arguments.

The thematic questions listed above relate to the following major changes that took place during medieval and early modern times:

- Long-term growth, despite some temporary dips, in the world's population, beyond any level reached in ancient times. A great increase in agricultural and city-dwelling populations in the world compared to hunters and gatherers, whose numbers steadily declined.
- Technological advances that gave humans power to produce greater amounts of food and manufactured items, allowing global population to keep rising.

- An increase in the interconnection and encounters between distant regions of the world. Expansion of long-distance sea-going trade, as well as commercial, technological, and cultural exchanges. By the first millennium BCE, these networks spanned most of Afroeurasia (the huge interconnected landmass that includes Africa, Europe, and Asia). In the Americas, the largest networks were in Mesoamerica and the Andes region of South America. After 1500 CE, a global network of intercommunication emerged.
- The rise of more numerous and powerful kingdoms and empires, especially after 1450 CE, when gunpowder weapons became available to rulers.
- Increasing human impact on the natural and physical environment, including the diffusion of plants, animals, and microorganisms to parts of the world where they had previously been unknown.

One of the great historical projects of the last few decades has been to shift from teaching Western Civilization, a narrative that put Western Europe at the center of world events in this period, to teaching world history. Decentering Europe is a complicated process, because themes, periods, narratives, and terminology of historical study was originally built around Europe. For example, the terms “medieval” and “early modern” were invented to divide European history into eras. Neither of the meanings of “medieval” – “middle” or “backward and primitive” – are useful for periodizing world history, or the histories of China, India, Southeast Asia, or Mesoamerica. Students can analyze the term

“medieval” to uncover its Renaissance and Eurocentric biases, as a good introduction to the concept of history as an interpretative discipline in which historians investigate primary and secondary sources, and make interpretations based on evidence.

Themes and large questions offer cohesion to the world history course, but students also need to investigate sources in depth. For this, a useful concept is the site of encounter, a place where people from different cultures meet and exchange products, ideas, and technologies. A site of encounter is a specific place, such as Sicily, Quanzhou, or Tenochtitlán/Mexico City, and students analyze concrete objects, such as a porcelain vase or the image of a saint, exchanged or made at the site. As students investigate the exchanges that took place and the interactions of merchants, bureaucrats, soldiers, and artisans at the site, they learn to consider not only what was happening in one culture but also how cultures influenced each other. They also gain fluency in world geography through maps.

Although this framework covers the existing seventh grade content standards, it reorganizes the units. Each of the new units has investigative focus questions to guide instruction and concrete examples and case studies for in-depth analysis. The new units are:

- 1. The World in 300 CE** (Interconnections in Afroeurasia and Americas)
- 2. Rome and Christendom, 300 CE to 1200** (Roman Empire, Development and Spread of Christianity, Medieval Europe, Sicily)

- 89 **3. Southwestern Asia, 300 to 1200; World of Islam** (Persia, Umayyad &
90 Abbasid Caliphates, Development and Spread of Islam, Sicily, Cairo)
- 91 **4. South Asia, 300 to 1200** (Gupta Empire, Spread of Hinduism and Buddhism,
92 Srivijaya)
- 93 **5. East Asia, 300 to 1300** (China during Tang & Song, spread of Buddhism,
94 Korea & Japan, Quanzhou)
- 95 **6. West Africa, 900-1400** (Ghana, Mali)
- 96 **7. Americas, 300 to 1490** (Maya, Aztec, Inca)
- 97 **8. Sites of Encounter in Medieval World, 1200-1490** (Mongols, Majorca,
98 Calicut)
- 99 **9. Global Convergence, 1450-1750** (Voyages, Columbian Exchange, Trade
100 Networks, Gunpowder Empires; Colonialism in Americas & Southeast Asia,
101 Atlantic World)
- 102 **10. Impact of Ideas, 1500-1750** (Spread of Religions; Reformation;
103 Renaissance, Scientific Revolution, Enlightenment)

104

105 **The World in 300 CE**

- 106 • How interconnected were the distant regions of the world in 300 CE?

107 This unit serves an introduction to world regions and interconnections as of
108 the year 300 CE. The teacher explains that a central question of the seventh
109 grade world history course is: **How did the distant regions of the world**
110 **become more interconnected through medieval and early modern times?** In
111 this unit, they will study the interconnections of world cultures in 300 CE. The

world's people were fundamentally divided into two regions: Afroeurasia or the Eastern Hemisphere, and the Americas, or the Western Hemisphere. In the Americas, there were many different cultures. In two areas, Mesoamerica and the area along the Andean mountain spine, there were states and empires with large cities supported by advanced agricultural techniques and widespread regional trade. In 300 CE, the Maya were building a powerful culture of city-states, and Teotihuacán in central Mexico was one of the largest cities in the world. These two centers traded with each other. In the Andes region, the state of Tiahuanaco extended its trade networks from modern-day Peru to Chile. While these two regions were probably not in contact with each other, trade routes crossed much of North and South America.

Within Afroeurasia, there were many distinct cultures that spoke their own languages, followed distinct customs, and had little contact with other cultures. However, across the center of Afroeurasia, many cultures were connected by trade routes. These trade routes were across land, such as the Silk Road between Central Asia and China, and across seas, such as the Indian Ocean and the Mediterranean Sea. Luxury goods, such as silk from China or frankincense from the Horn of Africa, traveled from merchant to merchant across Afroeurasia from the Atlantic to Pacific Coasts, but the merchants themselves did not travel that far. A small group of elite people (wealthy, land-owning, ruling, noble, religious leaders) in each of those cultures bought imported luxury products. Besides trade goods, travelers on the trade routes carried ideas and technologies from one culture to other cultures. Missionaries of Buddhism and

Christianity spread their religious ideas. In 300 CE, the regions of Afroeurasia were much more connected to each other than ever before. However, they were not as connected and intertwined as they are today. In 300 CE, the most important influences in each culture came from within that culture, rather than from contacts with the outside world.

Although there were hundreds of different cultures in Afroeurasia, there were four empires, states, and cultures that dominated the center of Afroeurasia. These were the Roman Empire (Mediterranean Region and Europe), the Sasanian Persian Empire (Southwestern Asia), Gupta Empire (South Asia), and China (East Asia). Students analyze maps that show these empires across Afroeurasia and trace the trade routes (on land and sea) that connected them.

Migrations continued to be important change factors. Along the northern edge of the agricultural regions of China, India, Persia and Rome, in the steppe grasslands, pastoral nomad societies moved east and west. Some formed mounted warrior armies which attacked the empires of China, India, Persia, and Rome and disrupted commerce on the silk roads and land trade routes across Eurasia. In Oceania, Polynesian explorers used outrigger canoes and navigational expertise to expand their settlement to new islands across the Pacific. In Sub-Saharan Africa, Bantu-speaking farmers were expanding southward and founding communities, mixing with or displacing older cattle-herding and foraging populations and expanding town and trade networks.

Between 300 and 600 CE, the disruptions caused by the migrations and attacks and the decline of some empires (such as Han China, Parthian Persia,

and the Western Roman Empire), made these turbulent times for many peoples of the world. The number of big cities declined from an estimated 75 in 100 CE to only 47 by 500 CE. But in other areas of the world, the networks of trade and interconnection expanded. As trade across the Sahara increased, Ghana emerged as a new commercial kingdom along the southern edge of the desert. The routes expanded southward to Aksum in East Africa, which flourished as a center of Indian Ocean trade. In the seventh century, a dynamic period of trade and cultural interchange took hold across Afroeurasia. Trade and the spread of religious ideas between societies in Afroeurasia increased again.

Rome and Christendom, 300 to 1200

- How did the environment and technological innovations affect the growth and contraction of the Roman Empire, the Byzantine Empire, and Medieval Christendom? What impact did human expansion have on the environment?
- How was Rome a site of encounter?
- How did the Roman Empire gain and maintain power over people and territories?
- Did the Roman Empire fall?
- How did the religion of Christianity develop and change over time? How did Christianity spread through the empire and to other cultures?
- How did the decentralized system of feudalism control people but weaken state power?

181 This unit builds on the sixth-grade study of Roman civilization. Even if
182 students did not study the Roman Republic in sixth grade, the seventh-grade
183 teacher should not spend time reviewing that phase of Roman history. Instead
184 the teacher should begin with the question: **How did the environment and**
185 **technological innovations affect the growth and contraction of the Roman**
186 **Empire?** Rome began on the Italian peninsula and spread around the
187 Mediterranean Sea. At its greatest extent, the empire stretched from Britain to
188 Egypt and from the Atlantic to Iraq. It united the entire Mediterranean region for
189 the first (and only) time. Although the Romans did conquer northwestern Europe,
190 they were more at home in the warm, dry climate around the Mediterranean Sea.
191 Geographically, northern Europe lies within the temperate climatic zone that in
192 ancient and early medieval times was heavily forested. Atlantic westerly winds
193 bring high rainfall, mostly in winter, to ocean-facing Europe. Deeper into Eurasia,
194 however, these latitudes become drier and colder. In Mediterranean Europe,
195 mild, rainy winters and hot, dry summers prevail. Beginning in ancient times,
196 farmers converted forests of southern Europe into wheat fields, olive orchards,
197 and vineyards. Farming advanced more slowly in the dense woodlands and
198 marshes of the north. The California EEI Curriculum Unit, “Managing Nature’s
199 Bounty,” has a map of the physical features and natural regions of Europe and
200 lesson 4 explores the products of different European regions. Students analyze
201 what effect geographic location had on the Roman Empire and on the Germanic
202 peoples who lived in the northern forests beyond the Danube and Rhine rivers.
203 Students map the extent of the empire and label the most important provinces

204 (Egypt, Spain, Gaul, Greece, Syria, Palestine) and bodies of water. They also
205 examine Roman buildings and roads to see the application of the two most
206 important Roman technological innovations: the arch and cement. Studying maps
207 of roads, trade routes, and products traded within the empire shows that the
208 Roman Empire was based on a network of cities. Those cities were dependent
209 on trade with other regions of the empire. This is common today, but in the
210 ancient world, it was not.

211 The teacher does not review the Roman Republic, but begins with the Roman
212 Empire at its height, with the question: **How was Rome a site of encounter?** A
213 site of encounter is a place where people of different cultures meet and
214 exchange products, ideas, and technologies. At the site of encounter, new
215 products, ideas, and technologies are often created because of the exchange.
216 Rome was a multicultural empire. Romans spoke Latin, but they conquered
217 Egyptians, Greeks, Syrians, Jews, Celts and Gauls, people who spoke Greek,
218 Aramaic, and hundreds of other languages, and followed dozens of religions.
219 Roman emperors built up the city of Rome to bring together the best from their
220 empire and the world. Through studying Rome as a site of encounter, students
221 explore the character and contributions of Roman civilization at its height.
222 Residents benefited from sophisticated art, architecture, and engineering. For
223 example, the Romans constructed huge aqueducts to bring water to cities from
224 many miles away. Imports of grain and olive oil fed the city of between one and
225 two million people at its height. The city featured a Colosseum for gladiatorial
226 contests, a race track, theaters, baths (for both bathing and socializing), and

227 elegant forums with markets and law courts. Many great thinkers and writers,
228 such as the Pliny the Elder, Juvenal, Plutarch, and Virgil (or Vergil), lived and
229 wrote during the Roman Peace (Pax Romana), the two centuries of prosperity
230 that began with the reign of Augustus Caesar (27 BCE-14 CE). However, this
231 prosperity was based on riches from conquest and slave labor on large
232 agricultural estates that provided food and luxuries for the cities. Wealthy
233 Romans also purchased luxuries, such as silk from China, medicines and jewels
234 from India, and animals from sub-Saharan Africa, brought into the empire by
235 merchants on the Silk Road and other Afroeurasian trade routes.

236 Next students examine the question: **How did the Roman Empire gain and**
237 **maintain power over people and territories?** After Augustus, Rome was ruled
238 by an emperor who theoretically had total power. However, in practice, the power
239 of the emperor was limited by the lack of an effective administration, except in
240 the military. The Roman legions were the source of imperial authority. For civilian
241 government, the empire relied on attracting local elites (landowners, wealthy
242 and/or powerful people, religious leaders) to become local administrators.
243 Corruption was a huge problem, and military leaders had too much power.
244 However, the unity of Rome and the power of its culture gave many people a
245 strong reason to support the empire. Roman citizenship was initially given to
246 people from the provinces as a reward for service, for example, to retired
247 auxiliary soldiers. They and their sons then had the right to vote. Gradually,
248 everyone in the provinces gained citizenship, except for slaves. Broadening
249 citizenship was a deliberate policy of certain emperors, who believed it would

250 cause more people to support the empire and help it run smoothly. Roman laws
251 also helped solidify the empire. A body of laws was passed down through the
252 centuries and ultimately influenced legal systems in modern states such as
253 France, Italy, and Spain, as well as Latin American countries.

Grade Seven Classroom Example: The Roman Empire

To understand the Roman perspective on the empire's power over other people and territories, students do a close reading of an excerpt from Vergil's *Aeneid* (Book VI, lines 845-853). Mr. Taylor gives students a copy of the excerpt with the guiding question: **What did the poet Vergil think about the Roman Empire's power over people and territories?** The handout also has a sentence deconstruction chart for the excerpt and a source analysis template.

For the first reading, the students read the excerpt to themselves and then discuss these questions: **Did Vergil think Roman power was good or bad for the conquered people? What words support your answer?** For the second reading, Mr. Taylor guides the students through a sentence deconstruction chart, pointing out the parallel phrases describing the "others" (the Greeks and Persians) and "you" (the Romans). The students also complete the source analysis template, with information from the textbook or teacher notes. They learn that Vergil was a Roman poet in the first century BCE. His patron was Augustus Caesar, the founder of the Roman Empire.

The historical context for the writing of the *Aeneid* was the beginning of the Roman Empire. In fact, Vergil wrote this poem to glorify the new empire and

Augustus as its leader. For the third reading, Mr. Taylor divides the students up into pairs. Each pair marks up the text with cognitive markers and annotates it in the margins. He then displays several of the pairs' annotated texts on the elmo, explains difficult points, and answers questions. For the fourth reading, students answer text-dependent questions. For the final question, Mr. Taylor calls for an interpretation to answer the focus question.

CA HSS Standards: 7.1.1

CA HSS Analysis Skills (6–8): Research, Evidence, and Point of View 5,
Historical Interpretation 1

CA CCSS for ELA/Literacy: RH.6–8.1, 2, 6, SL.7.1, L5a

CA ELD Standards: ELD.PI.7.1, 6a

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255 In the late second century, the Romans came up against limits. Roman
256 armies could not defeat the Persian Empire in the east, and there was little
257 reason to expand into the rural communities and forests of northeastern Europe.
258 Deprived of its income from conquest, Rome still had to defend its frontier on the
259 Rhine and Danube rivers from the Germanic peoples and its border with the
260 Persian Sasanian Empire in the east. In the third century, the emperors
261 Diocletian and Constantine separated the Roman Empire into two halves and
262 reformed the empire to focus its resources on military defense. Constantine
263 established a new capital for the Eastern Roman Empire at Byzantium, which he
264 renamed Constantinople.

265 At this point, the teacher shifts to the development of Christianity. In the early

266 years of the Roman Empire, Christianity began as a sect of Judaism in Palestine,
267 a province of the Roman Empire. The teacher focuses on the question: **How did**
268 **the religion of Christianity develop and change over time? How did**
269 **Christianity spread through the empire and to other cultures?** According to
270 the New Testament of the Christian Bible, Jesus, a Jewish carpenter from the
271 small Judean city of Nazareth, began to preach a message of peace and divine
272 salvation through love. He taught that God loved all his creation, regardless of
273 status or circumstance, and that humans should reflect that love in relations with
274 one another. Jesus confirmed the Jewish belief in one God, but he added the
275 promise of eternal salvation to believers. The Roman authorities in Judea
276 executed Jesus. But under the leadership of his early followers, notably Paul, a
277 Jewish scholar from Anatolia, Christians took advantage of Roman roads and
278 sea lanes to travel widely, preaching to both Jews and others. As missionaries
279 spread Christianity beyond the Jewish community, they abandoned some Jewish
280 customs, such as dietary laws, to make the new religion more accessible to non-
281 Jews. Christian communities multiplied around the Mediterranean, through
282 Persia, and into Central Asia. The church communities welcomed new converts
283 without consideration of their political or social standing, including the urban poor
284 and women. Upper class and influential Romans who converted appear to have
285 been predominantly women, and some of them assumed leadership positions.
286 Many Jews did not convert to Christianity, and Judaism and Christianity split into
287 two separate religions.

288 The Romans had an official state religion (Jupiter, Juno, deified former

289 emperors) but they allowed people they had conquered to follow other religions.
290 However, after some Jews rebelled against Roman rule, the Romans exiled
291 many Jews from Palestine, which led to the diaspora, or spreading out, of Jewish
292 communities across Afroeurasia. Christians also got into trouble with Roman
293 authorities because Christians refused to attend the official sacrifices to the
294 Roman gods. The Roman authorities sometimes persecuted Christians and
295 executed them, but at other times, Christians were left alone.

296 In the fourth century CE, Emperor Constantine legalized the religion of
297 Christianity, and soon after, it became Rome's state religion. Constantine wanted
298 the Christian Church to unify and support the now divided Roman Empire. As it
299 became a state religion, Christianity changed. The bishops who had been
300 leaders of semi-secret, persecuted communities were now charged with
301 supporting the Roman Empire. Constantine insisted that the bishops hold a
302 council at Nicaea and agree on one set of Christian beliefs, summarized in the
303 Nicene Creed. Church leaders selected certain texts (gospels and letters) for the
304 official Christian Bible, which was translated into Latin. They organized the
305 Christian Church with a Roman structure and gave their support to Roman
306 authorities. Church leaders then vigorously tried to convert everyone to
307 Christianity. As the Western Roman Empire shrank, Christian bishops often took
308 over administration and defense of Roman cities.

309 The teacher points out that all religions change over time. In the historical
310 context of 203 CE, when Christians were sometimes persecuted by the Romans,
311 martyrs were very admired and made into saints of the early church. When

Christianity became the official religion of the Roman Empire, the religion changed again, and the new emphasis was on obeying Roman authorities, behaving well, and converting non-believers to Christianity. The teacher concludes by telling students that they will return to this question about the development and changes in Christianity later in the unit.

Teachers now introduce students to the question: **Did the Roman Empire fall?** In 476 CE, the empire in the west disappeared, though the eastern half continued to thrive. As the Byzantine Empire, this Greek-speaking Roman state survived until 1453. Students examine the evidence (from the textbook or teacher notes) and form their own interpretations to answer the lesson question. They examine factors that might have contributed to the collapse of western Rome: declining financial resources, political corruption and insubordinate military groups, excessive reliance on slave labor, depopulation from epidemics, and worsening frontier assaults, as the Huns migrated westward and pushed waves of Germanic tribes into the empire. By the time the Western Roman Empire ended in 476 CE, it had already shrunk into a small area, a shadow of its former extent. The teacher may point out that mounted warrior armies from Central Eurasia caused problems for China, India, and Persia as well, and contributed to a decline of trade on the silk roads and other land routes across Eurasia between 300 and 600 CE. The teacher has students meet together in groups to discuss the question and use their notes to make a T-chart of the reasons and evidence that support the “fall” of Rome, and the reasons and evidence that contradict the “fall” of Rome. Then the groups evaluate the reasons and evidence and

formulate a one-sentence interpretation answering the question: **Did the Roman Empire fall?** The teacher also explains that if they argue that Rome did not fall, they should choose another word to characterize the end of the Western Roman Empire and the transition to the Byzantine Empire in the east. After student groups prepare their T-charts and write their interpretations, a student volunteer from each group writes the group's interpretation on the board. Groups share their reasons and evidence for and against, as the teacher records it on a T-chart on the board. Then the teacher and students review and discuss each of the interpretations. The teacher instructs student groups to review and revise their interpretations if necessary and identify the two pieces of evidence that best support their interpretation. The teacher explains that evidence must be specific. After students have selected the evidence in groups, each student writes a paragraph answering the question: **Did the Roman Empire fall?** They must include the two pieces of evidence. To support English Learners, the teacher provides a paragraph frame that starts each sentence with appropriate academic historical language.

Next students study the Byzantine Empire, with the question: **How did the environment and contact with other cultures affect the growth and contraction of the Byzantine Empire?** The Eastern Roman Empire was stronger than the Western portion. It had more people, more cities, greater manufacturing and commerce, more tax revenues, and more effective defenses against mounted warrior attacks from the north. Its military strength and wealth from the Afroeurasian luxury trade caused a flowering culture in the period

between 600 and 1000 CE. The Byzantine Empire, as the eastern lands became known, had strong historical connections to earlier Hellenistic civilization. Its language was Greek, not Latin. This state was highly centralized around its capital of Constantinople and the rule of the emperor and his officials. The Christian church in the Byzantine Empire was closely connected to the emperor and his administration.

The Byzantine Empire continued the Roman Empire's conflicts with the Persians along the eastern frontier. This long conflict weakened both empires and left them vulnerable when Muslim armies attacked in the mid-seventh century. While Muslim Arabs conquered the Sasanid Empire, the Byzantine Empire survived, but lost huge territories in North Africa and western Asia. The Byzantine Empire shrank but it did not fall until 1453.

In the fourth and fifth centuries, the Western Roman Empire fragmented, causing population to fall, cities to shrink, and agriculture to contract. As the empire shrank, Germanic armies and migrants overran Europe, dividing the region into small rudimentary kingdoms. The teacher begins to prepare students for the question: **How did the decentralized system of feudalism control people but weaken state power?** The teacher points out that early medieval kingdoms did not have strong authority. Local leaders and landholders were much more effective rulers of their small territories. In the Middle Ages, all power was local, not centralized in a state. Over the next few centuries, there was little trade, and most cities disappeared. In the eighth century, a Muslim dynasty founded a strong state in Iberia. Charlemagne (768-814), was an exceptionally

strong Christian king, who temporarily united a large part of Europe in the late eighth century and contributed much to the advancement of Latin literacy, learning, and the arts. Students may read excerpts from Einhard's *Life of Charlemagne* to analyze the factors that made Charlemagne's rule so successful.

After Charlemagne, political order was again fragmented by Viking, Magyar, and Muslim invasions. Local power, established in parts of Western Christendom through feudal relations, was the key to defeating the invaders. In feudalism, kings and powerful regional rulers offered protection and farm estates, or manors, to less powerful knights in return for loyalty and military service. The manors provided the income needed for a knight's horses, armor, and training. Knights, as lords of the manors, also controlled the serfs, peasants who were tied permanently to manor and obligated to give their lord labor and crops in return for security. Knights, regional lords, and aristocrats gained rights to hand down fiefs to heirs. Mothers and prospective wives often exerted great influence over marriages and family alliances. Gradually the elite mounted warriors began to be known as nobles.

These nobles wanted to keep control over local areas rather than to give power to the king and central government. Students learn about the conflict between King John and the great nobles in England, who forced the king to grant the Magna Carta. This document guaranteed trial by jury of one's peers and the concept of no taxation without representation. From this root, other medieval

developments in England, such as common law and Parliament, gradually limited the king's power and laid the foundations of English constitutional monarchy.

In addition to considering the political aspects of feudalism, students look at these questions: **How did the environment and technological innovations affect the growth of Medieval Christendom? What impact did human expansion have on the environment?** In the tenth century, serfs and free peasants employed new technologies, such as the moldboard plow and the horse collar, to cultivate new farmland and boost agricultural production. Around 1000 CE, these innovations caused an agricultural revolution in Western Christendom, which caused the population to increase, trade to expand, and cities to grow again. In this expansion, many of the forests of northern Europe were cut down, as humans used wood for heating and cooking and cleared land for farming. Lessons 2 and 3 of the California EEI Curriculum Unit, "Managing Nature's Bounty: Feudalism in Medieval Europe," analyze how feudal relations and the manor system allocated ecosystem resources, and how physical geography influenced feudal administrative positions and resource management.

As students return to study of Christianity, they return to the question: **How did the religion of Christianity develop and change over time?** First, they trace on a map the spread of Christianity across Europe and Afroeurasia (as far east as Central Asia). In the Middle Ages, people called the Christian parts of Europe "Christendom," which shows that an important part of their identity was being Christian. Since kings and states were so weak, the Church, whose hierarchy of clerics extended from the Pope down to the village priest, became

the largest, most integrated organization in Europe. The Church followed a hierarchy adopted from the Roman Empire. Missionaries spread out to convert Germanic and Slavic people to Christianity. Christianity spread in Central and Eastern Europe, facilitating formation of states such as Poland in 966. Although most of the conversions were voluntary, some Christian kings forced people to convert to Christianity, as Charlemagne did to the Saxons in early 800s. Wealthy Christians donated land to monasteries, filled with monks and nuns who pledged themselves to live separately from the world. These monks and nuns were the only educated people, and they devoted themselves to copying Roman and Christian texts. Around 900, popes began to assert their control over the church hierarchy, which brought them into conflict with secular monarchs. Students learn about the split between the Orthodox Church, which acknowledged the leadership of the patriarch of Constantinople, and the Catholic Church, which recognized the authority of the pope in Rome. Churches in Eastern Europe (Russian, Greek, Serbian) followed the Orthodox or Greek Church, since missionaries led by Constantinople had converted their people to Christianity. Because missionaries led by Rome had converted people in Western, Central and Northern Europe, these remained in “the Church,” also called the Latin Church and, later, the Roman Catholic Church.

Southwestern Asia, 300-1200: Persia and the World of Islam

- How did the environment affect the development and expansion of the Persian Empire, Muslim empires, and cities? What impact did this expansion have on the environment?
- How did Islam develop and change over time? How did Islam spread to multiple cultures?
- What were the multiple ways people of different cultures interacted at the sites of encounter, such as Baghdad?
- Why was Norman Sicily a site of encounter?
- What were the effects of the exchanges at Cairo?
- How did the Muslim empires and institutions help different regions of Afroeurasia become more interconnected?

This unit examines the geography of Southwestern Asia (including the Middle East), the Persian Sasanian Empire, the emergence and development of Islam, the Umayyad and Abbasid Caliphates, and the spread of Islam, and interactions at three sites of encounter, Baghdad in the eighth century, Sicily in the twelfth century, and Cairo in the fourteenth century. The teacher begins with introducing the question: **How did the environment affect the development and expansion of the Persian Empire, Muslim empires, and cities? What impact did this expansion have on the environment?** A climatic map of Southwestern Asia shows that much of this area falls within a long belt of dry country that extends from the Sahara Desert to the arid lands of northern China. In lesson one of the California EEI Curriculum Unit, “Arabic Trade Networks,” students examine the physical features and natural systems of the Arabian Peninsula and

the human improvements to farming practices which increased supplies of food. Across this dry zone, including Arabia, pastoral nomads herded camels and other animals, and oasis cities sheltered farmers, artisans, and merchants. North of the Arabian peninsula is the lush agricultural land of Mesopotamia and Persia. Here settled farmers had supported an advanced civilization going back to ancient Mesopotamia. A map of the eastern hemisphere also shows students that Southwestern Asia, Persia, Arabia, the Red Sea, and the Persian (Arabian) Gulf were natural channels for land and sea trade in spices, textiles, and many other goods between the Indian Ocean world and the Mediterranean area. These geographical factors put Southwestern Asia and Arab, Persian, and Indian merchants and sailors at the center of the Afroeurasian trade networks, which began to grow dynamically after the seventh century.

The teacher turns briefly to the Persian Sasanian Empire from 300 to 651, when it was conquered by Muslim armies. The teacher reminds students that the Persian Empire (under different names, which aren't important for the students to memorize) had existed from about 550 BCE and was the heir to the ancient civilization of Mesopotamia. It was the most important state in Southwestern Asia and Rome and the Byzantine Empire's great rival for power in the eastern Mediterranean and western Asia. In the sixth century, the Sasanians ruled an empire that began at the Euphrates River and covered modern Iraq, Iran, Afghanistan, and parts of central Asia. Their ruler was called by the title "King of Kings." The official religion of Persia was Zoroastrianism, but they practiced religious toleration. Many Jews and Christians lived in the Persian Empire. Every

land trade route across central Eurasia passed through the Persian Empire, and the tax income from the trade made the Persians wealthy. Continued warfare against the Byzantine Empire weakened the Sasanian Persian Empire in the mid-seventh century and contributed to its fall to Muslim armies.

The students now turn to the emergence of the religion of Islam, as they study the question: **How did Islam develop and change over time? How did Islam spread to multiple cultures?** Along with Judaism and Christianity, Islam is an “Abrahamic” religion, that is, a faith built on the ancient monotheism of Abraham. Beginning in 610, Muhammad (570-632 CE), a resident of the small Arabian city of Mecca, preached a new vision of monotheistic faith. According to Muslim tradition, Muhammad, an Arabic-speaking merchant, received revelations from God, which were written down in the *Qur’an*. This message declared that human beings must worship and live by the teachings of the one God and treat one another with equality and justice. Divine salvation will come to the righteous, but those who deny God, “Allah” in Arabic, will suffer damnation. God’s commandments require all men and women to live virtuously by submitting to Allah and following the Five Pillars. Like Christianity and unlike Judaism, there is an afterlife in Islam; faithful believers are promised paradise after death. Islamic teachings are set forth principally in the *Qur’an* and the *Hadith*, the sayings and actions of Muhammad. These were the foundation for the Shariah, the religious laws governing moral, social, and economic life. Islamic law, for example, rejected the older Arabian view of women as “family property,” declaring that all women and men are entitled to respect and moral self-governance, even though

516 Muslim society, like all agrarian societies of that era, remained patriarchal, that is,
517 dominated politically, socially, and culturally by men.

518 Muhammad also founded a political state in order to defend the young Muslim
519 community. He led armies of desert tribes to take over all of the Arabian
520 peninsula. After his death, the leaders of the Muslim community chose one of his
521 followers to be their new leader, with the title “caliph.” The caliphs sent armies
522 northward to conquer part of the Christian Byzantine Empire and all of the
523 Persian Sasanian Empire. As the Muslim conquests multiplied, the Umayyad
524 dynasty of caliphs ruled an empire called the Umayyad Caliphate. Muslim armies
525 continued to conquer land until by 750 CE, the Umayyad Caliphate extended
526 from Spain to northern India. Muslims did not force Christians or Jews, “people of
527 the book,” to convert, but people of other religions were sometimes forced to
528 convert. Non-Muslims had to pay a special tax to the caliphate. Gradually more
529 and more people in the caliphate converted to Islam, and Arabic, the language of
530 both the conquerors and the *Qur’an*, achieved gradual dominance across much
531 of Southwestern Asia (except in Persia) and North Africa. The Umayyad
532 caliphate broke into several states after 750, but most of the Middle East
533 remained unified under the caliphs of the Abbasid dynasty (751-1258) with its
534 capital in Baghdad.

535 The teacher introduces the new capital of Baghdad as the next site of
536 encounter, with the question: **What were the multiple ways people of different**
537 **cultures interacted at sites of encounter, such as Baghdad?** The teacher
538 asks students to think about what they have just studied about the spread of the

Muslim Empire as one way people of different cultures interact. That is, Arabs, who were nomadic tribesmen from Arabia, converted to a new religion, and inspired by that religion, fought wars against other cultures. One type of cultural interaction is war. After the conquest, people of other cultures had to live under Umayyad Muslim rule and pay special taxes if they belonged to another religion. This type of cultural interaction is called coexistence in communities. Another type is adoption and adaptation. Some of these conquered people adopted the new religion for various reasons, such as religious conversion, access to political power, and socio-economic advantages. As they converted, they changed their names, their social identity, and associated with Muslims in their area, rather than with their home group of Jews, Christians, or others. Over time, they adopted more of Arab culture as well. However, as they adopted the Muslim religion and Arab culture, they also adapted religious and cultural practices to accommodate local customs. For example, the custom of secluding elite women inside a special part of the house and only allowing them to go out when their hair and most of their bodies were covered predates the religion of Islam. It was actually a Persian and Mediterranean (and ancient Athenian) custom. Before Islam, Arabian women were not confined to the household. The Persians and Mediterranean people who converted to Islam adapted social practices to include their custom. This is just one example of the cultural adaptation process.

Under the Abbasids, Baghdad grew from an insignificant village to one of the leading cities of the world. The city's culture was a mix of Arab, Persian, Indian, Turkish, and Central Asian culture. The Abbasids encouraged the growth of

562 learning and borrowing from Greek, Hellenistic, and Indian science and medicine.
563 They built schools and libraries, translated and preserved Greek philosophic,
564 scientific, and medical texts, and supported scientists who expanded that
565 knowledge. In Baghdad and other Muslim-ruled cities, Muslim, Christian, and
566 Jewish scholars collaborated to study ancient Greek, Persian, and Indian
567 writings, forging and widely disseminating a more advanced synthesis of
568 philosophical, scientific, mathematical, geographic, artistic, medical, and literary
569 knowledge. To investigate the question: **What did the interaction of Arab,**
570 **Persian, Greek, Hellenistic, and Indian ideas and technologies at Baghdad**
571 **(and the Abbasid caliphate) produce?** students analyze visuals of libraries,
572 schools, and scientific drawings from Muslim manuscripts, the circulation of
573 “Arabic” numerals, and words of Arabic origin (such as algebra, candy, mattress,
574 rice). The teacher sets up a gallery walk and provides student groups with a
575 source analysis template. The template asks students to record source
576 information, describe the contents of the visual, and cite evidence from the visual
577 that answers the lesson question. Students share some of their observations and
578 answers to the whole class, as the teacher lists the products on the board. Then
579 the teacher guides students through developing a one-sentence interpretation
580 that answers the question. The students then return to their groups to discuss the
581 evidence they have gathered. The teacher stresses that they should choose the
582 best two pieces of evidence from their gallery walk. The group chooses two
583 pieces of evidence and each group member completes an evidence analysis
584 chart (with columns for evidence, meaning, significance, and source). The

585 teacher displays several group charts on the elmo, clears up any
586 misconceptions, and showcases examples of good evidence choices, analyses,
587 and citations.

588 After 900, the Abbasid Empire began to fragment into many smaller states.
589 However, the common knowledge of Arabic, the pilgrimage to Mecca, and
590 extensive trade and travel unified the Muslim world. Islam continued to spread,
591 sometimes by conquest, but also by the missionary work of Sufis and traveling
592 Muslim merchants. Sufi saints and teachers combined local and Islamic
593 traditions, and inspired common people on the frontier areas of the Muslim world
594 – east Africa, Southeast Asia, and India – to convert.

The History Blueprint is a free curriculum developed by the California History-Social Science Project (<http://chssp.ucdavis.edu>), designed to increase student literacy and understanding of history. Three units are available for free download from the CHSSP's website, including Sites of Encounter in the Medieval World, a comprehensive standards-aligned unit for seventh-grade teachers that combines carefully selected and excerpted primary sources, original content, and substantive support for student literacy development. For more information or to download the curriculum, visit:

<http://chssp.ucdavis.edu/programs/historyblueprint>.

595
596 The teacher now tells students that they are going to look at Western
597 Christendom and the World of Islam together through studying the site of
598 encounter in twelfth-century Norman Sicily, using the History Blueprint's Sites of

599 Encounter in the Medieval World unit, starting with the question: **Why was**
600 **Norman Sicily a site of encounter?** Because of its geographical location,
601 multicultural population and tolerant rulers, the Norman kingdom of Sicily was a
602 major site of exchange among Muslims, Jews, Latin Roman Christians, and
603 Greek Byzantine Christians in the twelfth century. At the same time, Latin
604 Christian crusaders were battling with Syrian, Arab, Egyptian, and North African
605 Muslim warriors over territory and religious differences. Whereas in the past
606 historians placed emphasis on religious differences and the Crusades, historians
607 now emphasize the common features of these Mediterranean cultures and the
608 many ways in which Christians, Muslims, and Jews interacted. The Sicily lesson
609 reflects this new world history approach to the medieval Mediterranean. Rather
610 than directly teaching one interpretation, the teacher presents the primary
611 sources, guides students through analyzing them and gathering evidence, and
612 asks students to form their own interpretation to answer the question: **Was there**
613 **more trade (with peace and tolerance) or conflict (especially conflict**
614 **between religious groups)?** Students investigate Al-Idrisi's world map, excerpts
615 from Geoffrey Malaterra and Ibn Jubayr, documents from the Cairo Geniza and
616 the Venetian archives, lists of trade goods, and visuals of objects created and
617 sold in Sicily through map activities, close readings, a gallery walk, and
618 discussion. Students analyze the content of the lesson in a graphic organizer that
619 also introduces them to the concept of cause-and-effect historical reasoning.
620 The central position of Islamic world in Afroeurasia became increasingly
621 important as trade and exchange expanded. Muslim merchants, scholars and

622 Sufis traveled between the great cities, such as Córdoba, Damascus and Cairo,
623 which produced luxury goods such as steel swords and embroidered silk capes.
624 Students investigate the question: **How did the Muslim empires and**
625 **institutions help different regions of Afroeurasia become more**
626 **interconnected?** through the second site of encounter in the History Blueprint
627 lesson, Cairo in the fourteenth and fifteenth centuries. Cairo was at the center of
628 the network of roads, sea routes, and cities that supported trade and pilgrimage
629 in the Islamic world, making it one of the most important trade cities in
630 Afroeurasia. Students work with the Sites of Encounter in the Medieval World
631 interactive map either online or through the teacher's projection to make an
632 interpretation about the question: **Looking at its geographic position, what**
633 **advantages did Cairo have as a trade city?** Either individually or in pairs,
634 students read a secondary informative text, "Cairo Background Reading," answer
635 text-dependent questions, and, in a group, summarize the main ideas of the text
636 in a cause-and-effect graphic organizer around the question: **What were the**
637 **effects of the exchanges at Cairo?** The Islamic world was a network of cities
638 that was tied together by common religion, pilgrimage, trade, and intellectual
639 culture. Islamic institutions, such as the pilgrimage (or hajj), caravans,
640 caravanserais, funduqs, souqs, and madrassas, and favorable policies of city
641 and state governments provided major assistance to merchants and travelers. In
642 a gallery walk of primary-source visuals of and text excerpts about these
643 institutions, students gather and analyze evidence using an evidence analysis
644 chart. The same routes also transmitted technologies and food plants. For

example, paper-making technology reached the Southwestern Asia from China around the eighth century and spread from there to Europe in the following 300 years. Food plants, including sugar cane, oranges, melons, eggplants, and spinach, were diffused widely along the exchange routes. Lesson three of the California EEI Curriculum Unit, “Arabic Trade Networks,” helps students analyze the circulation of regional products throughout Afroeurasia. Less positive things also spread along trade routes, such as the bubonic plague. The Black Death of the 1300s killed millions in China and caused the population of Europe and the Muslim world to plummet temporarily by about a third. In the Cairo lesson, students read primary sources from Ibn Battuta, Agnolo di Tura, and al-Maqrizi describing the impact of the Black Death of 1348-1350 in Europe and the Muslim world.

Using the information from the lesson sources, graphic organizers and evidence analysis charts, students write an argumentative paragraph on the question: **Which of the effects of the exchanges at Cairo do you think was the most important?** They make a claim, state their reasons, and support the reasons with evidence from the primary sources. The “Effects Paragraph” assignment has sentence starters for the claim and reasons and an evidence analysis chart that helps student paraphrase, analyze, and cite evidence. For English Learners, there are also sentence frames with appropriate academic and disciplinary language to paraphrase, analyze, and cite the two pieces of evidence. After providing feedback to students on their claims, reasons, and use and analysis of evidence, the teacher concludes by telling students that they will

be returning to the Islamic trade and pilgrimage network in future units. Muslim merchants eventually traded from China to the Mediterranean, and Jewish merchants also traded freely in the Muslim world. They established communities across Afroeurasia that were connected by family ties and trade connections.

South Asia, 300 to 1200

- Under the Gupta Empire, how did the environment, cultural and religious changes, and technological innovations affect the people of India?
- How did Indian monks, nuns, merchants, travelers, and states spread religious ideas and practices and cultural styles of art and architecture to Central and Southeast Asia?
- How did the religions of Hinduism and Buddhism spread and change over time?

The Gupta monarchs reunified much of the subcontinent in the third century CE, ushering in the Classical Age of India. As they study the question: **Under the Gupta Empire, how did the environment, cultural and religious changes, and technological innovations affect the people of India?** students learn that the Gupta dynasty (280-550 CE) presided over a rich period of religious, socio-economic, educational, literary, and scientific development, including the base-ten numerical system and the concept of zero. The level of interaction in all aspects of life—commercial, cultural, religious—among the people of various parts of India was intensive and widespread during this time period, much more so than in earlier periods. This helped produce a common Indic culture that unified

the people of the subcontinent. Buddhist monasteries and Hindu temples and schools spread. Sanskrit became the principal literary language throughout India. Enduring contributions of ancient Indian civilization to other areas of Afroeurasia include the cotton textile industry, the technology of crystalizing sugar, astronomical treatises, the practice of monasticism, the game of chess, and the art, architecture, and performing arts of the Classical Age. Students analyze maps of the extent of the Gupta Empire and visuals of its achievements in science, math, art, architecture, and Sanskrit literature. After the fall of the Gupta Empire, India had many states. The Chola Empire ruled over much of southern India and established maritime commercial trading networks throughout much of the Indian Ocean. The Chola are associated with significant artistic achievement that included the building of monumental Hindu temples and the creation of remarkable sculptures and bronzes.

Building on their previous study of Hinduism in 6th grade, students study the question: **How did Hinduism change over time?** Hinduism continued to evolve with the Bhakti movement, which emphasized personal expression of devotion to God, who had three aspects: Brahma, the creator, Vishnu, the protector, and Siva, the transformer. The Bhakti movement placed emphasis on social and religious equality and a personal expression of devotion to God in the popular, vernacular languages. People of all social groups now had personal access to their own personal deities, whom they could worship with songs, dances, processions, and temple visits. Bhakti grew more popular, thanks to saints such as Meera Bai and Ramananda. Even though India was not unified into one state,

nor did its people belong to a single religion, the entire area was developing a cultural unity.

Students next examine this question: **How did Indian monks, nuns, merchants, travelers, and states spread religious ideas and practices and cultural styles of art and architecture to Central and Southeast Asia?** During and after the Gupta Empire, trade connections between India and Southeast Asia facilitated the spread of Hindu and Buddhist ideas to Srivijaya, a large trading empire after 600, Java, and the Khmer Empire. In the Sites of Encounter in the Medieval World Lesson 6: Calicut, the “Indian and Southeast Asian Art” activity has students compare art and architecture from India and Southeast Asia. When students have compiled their evidence, the teacher asks them why they think Southeast Asian rulers would adopt religious ideas and artistic styles from Indian kingdoms. After they share their interpretations, the teacher points out that pre-modern rulers displayed their power through temples and that the architectural similarities among the temples are evidence of a shared culture of rulership in the region. In addition to personal religious motives, Southeast Asian kings could build up their prestige and legitimacy by adopting the cultural, religious, and artistic styles of the powerful and prestigious Indian kingdoms and empires.

Next students examine the question: **How did Buddhism spread and change over time?** Buddhist missionaries and travelers carried Buddhism from India to Central Asia and then to China, as well as to Southeast Asia, during this period as well. At the same time, Christian and Muslim missionaries were also spreading their religions. As it moved outside of India and became a universal

737 religion, Buddhism changed. In 600 BCE, Buddha was sage, a wise man; but by
738 300 CE, his followers were worshipping the Buddha as a god. Nirvana changed
739 from “nothingness” or “extinction” to a kind of heaven for believers in the afterlife.
740 Mahayana Buddhists also added the idea that there were bodhisattvas, divine
741 souls who delayed entering nirvana to help others on earth. Either here, or in the
742 China unit, students trace the journey of Xuanzang, who departed from China in
743 627 CE on pilgrimage to Buddhist holy sites in India. He returned home with 527
744 boxes of Buddhist texts, which he devoted the rest of his life to translating. The
745 building of monasteries along the Silk Road, at Dunhuang, Yungang and
746 Bamiyan, helped transmit texts, people, and religious ideas through Central to
747 East Asia.

748 After 1000, Turks from Central Asia, who were recent converts to Islam,
749 began to conquer states in northwestern India. Sometimes Turkish Muslim
750 leaders forced Hindus to convert, but at other times rulers practiced religious
751 toleration. The most powerful of these states was the Delhi Sultanate. Islam
752 became firmly established politically in the north as well as in some coastal towns
753 and parts of the Deccan Plateau, although the majority of the population of South
754 Asia remained Hindu. There were continuous close trade relations and
755 intellectual connections between India and the Islamic World. As a concrete
756 example of cultural transmission, students may trace the Gupta advances in
757 astronomy and mathematics (particularly the numeral system which included a
758 place value of ten) to the work of al-Khwarizmi, a Persian mathematician of the
759 ninth century, who applied the base-ten numerical system pioneered in India to

the study of algebra, a word derived from the Arabic *al-jabr*, meaning “restoration.” As trade grew along the sea-routes of the Indian Ocean, India became a major producer of cotton cloth, spices, and other commodities with a volume of exports second only to China.

East Asia, 300-1300: China and Japan

- How did the Tang and Song dynasties gain and maintain power over people and territories?
- How did the environmental conditions and technological innovations cause the medieval economic revolution? What were the effects of this revolution?
- Why was Quanzhou such an important site of encounter?
- How did Chinese culture, ideas, and technologies and Buddhism influence Korea and Japan?
- What influence did samurai customs and values have on the government and society of medieval Japan?

From 300 to 1300 CE, China had a larger population and economy than any other major region of the world. Students begin their study with the question:

How did the Tang and Song dynasties gain and maintain power over people and territories? After a long period of disunity, the Sui (589-618) and Tang dynasties (618-907) reunited China. The Tang rulers rebuilt a government modeled on the Han dynasty. Scholar-officials, trained in Confucianism, advised the emperor and administered the empire. Confucian principles specified that

783 government should operate as a strict hierarchy of authority from the emperor,
784 who enjoyed the “Mandate of Heaven” as long as he ruled justly, down to the
785 local village official. The Tang had an active foreign policy and spread their
786 influence along the Silk Road to the west, as far as the border of the Abbasid
787 Caliphate. The two empires fought a battle in Central Asia in 751, from which the
788 Chinese retreated. The Tang dynasty extended influence and cultural pressure
789 on Korea, Japan, and Vietnam. The Song dynasty took over in 960. The Song
790 supervised strong cultural and economic growth, with magnificent cities and
791 cultural productions. The *Visual Sourcebook of Chinese Civilization* website has
792 visuals and interactive activities to help students analyze primary sources from
793 the Song and other dynasties. The Song instituted an official examination system
794 for scholar-officials, which gave China a civil service bureaucracy many centuries
795 before any other state. China had the strongest and most centralized government
796 in the world. However, the Song struggled militarily against nomadic tribes from
797 the north. One group of nomads overran the Northern Song region and captured
798 the emperor. Survivors of the Song imperial family maintained the Southern Song
799 Empire from 1126 to 1260, when they fell to the Mongols. Under the pressure
800 from the loss of the north to “barbarians,” the Southern Song emphasized the
801 superiority of Chinese traditions.

802 Despite these military problems, China became Afroeurasia's major economic
803 powerhouse in this period, due to the medieval economic revolution. Students
804 analyze the question: **How did the environmental conditions and**
805 **technological innovations cause the medieval economic revolution? What**

806 **were the effects of this revolution?** Cause-and-effect graphic organizers help
807 students analyze the many factors that contributed to the Chinese economic
808 revolution that occurred between the seventh and thirteenth centuries. The
809 factors of population growth, expansion of agriculture, urbanization, spread of
810 manufacturing, and technological innovation were both causes and effects of the
811 economic revolution, as each factor intensified the effects of the others. The
812 economic revolution began with the introduction (from Vietnam) of champa rice, a
813 variety that produces two crops per year. Farmers migrated to the Yangzi River
814 valley to take advantage of the increased yield, and the population grew rapidly.
815 Chinese laborers and merchants extended the empire's system of canals
816 connecting navigable rivers to about 30,000 miles. The system was financed by
817 state taxes on trade, and led to even more trade. Blast furnaces quadrupled the
818 output of iron and steel in the eleventh century alone. Availability of steel enabled
819 increased production in other industries. Technicians experimented with
820 gunpowder rockets and bombs. Woodblock printing became a standard industry,
821 and printed books circulated widely. The hundreds of inventions of the Tang and
822 Song eras included the magnetic compass, advanced kilns for firing porcelain,
823 and wheels for spinning silk. In California EEI Curriculum Unit, "Genius Across
824 the Centuries," students research five important Chinese inventions of this period
825 (tea, the manufacture of paper, wood-block printing, the compass, and
826 gunpowder), examine a map of China's natural regions, identify the sources of
827 raw materials used in each invention, and evaluate the influence of these
828 Chinese inventions on the natural systems of medieval China. The teacher points

829 out the similarity of the agricultural revolution in Medieval Christendom at about
830 the same time (ca. 1000). In both cases, improvements in farming technology led
831 the way, and growth in trade, inventions, cities, and population resulted. Both
832 cultures benefited from increased Afroeurasian trade as well.

833 Students then investigate this question: **Why did Quanzhou become such**
834 **an important site of encounter?** Located on China's southeast coast,
835 Quanzhou was a primary destination for Arab, Persian, Indian, and Southeast
836 Asian ships carrying merchants eager to buy China's famed porcelain and silk.
837 Because of its extensive internal economy and technological advances, China
838 exported more than it imported. Although the land route to China was sometimes
839 difficult to travel, shipping to and from the southeast coast meant that China was
840 never isolated from outside world. China was also the largest and most
841 centralized state in the medieval world, and government regulations of merchants
842 and foreigners were more thorough. As one of the official trade cities of the
843 Chinese empire, Quanzhou had large foreign communities. In this lesson,
844 students compare the accounts of Ibn Battuta, Marco Polo, and Zhao Rugua
845 about Quanzhou for their multiple points of view on trade and cultural exchange.
846 They write an essay answering the focus question and citing evidence from the
847 primary sources. Students analyze a concrete example of cross-cultural
848 production in the porcelain vases and flasks made in China for export to the
849 Muslim world and Spain.

Grade 7 Classroom Example: Quanzhou, Site of Encounter

(Integrated ELA/Literacy and World History)

In Ms. Hutton's seventh-grade world history class, students are learning about medieval world history. They do this by touring Sites of Encounter, or places of exchange, in the medieval world. Quanzhou, located on China's southeast coast, and one of the largest and busiest ports in the world, is a centerpiece in Ms. Hutton's classroom. Students in Ms. Hutton's class have learned how Quanzhou was a prime destination for Arab, Persian, Indian, and Southeast Asian ships carrying merchants eager to buy China's famed porcelain and silk. As one of the official trade cities of the Chinese empire (which was the largest and most centralized state in the medieval world), Quanzhou had large foreign communities.

As an important part of learning about Quanzhou as a Site of Encounter, students in Ms. Hutton's class participate in a guided discussion about the city's laws, customs, and multicultural coexistence. Students practice Common Core and ELD discussion skills based on excerpts from primary-source documents to answer this discussion question: How did laws and customs help people from different cultures live together in Quanzhou?

First, Ms. Hutton divides the class up into groups of three or four. Each student in the group is asked to read one or two primary sources, write a short summary of the document, and highlight evidence that helps answer the discussion question on a graphic organizer. To support students' interrogation of their sources, she asks them questions like, "Who benefited from this law or

custom? Did the law or custom make people feel safe and welcome? Did it keep people from cheating or causing trouble?"

Ms. Hutton then directs her students to share out what they've written with their group. To support student discussion, Ms. Hutton provides various discussion starters designed to start the conversation, such as, "My document is about...", "This law / custom kept people from cheating by...", "This law/custom helped people from different cultures live together because...", and "The evidence that supports my idea is..." She also provides starters that can be used to respond to conversation, such as, "Tell me more about...", "What evidence do you have?" "How did you come to that conclusion?"

After all group members have shared, Ms. Hutton's students collectively try to formulate an interpretation (or main idea) that answers the discussion question based on all of the evidence. She offers additional sentence starters to support this part of the discussion, such as "Document xx does not seem to fit with the other documents, because ...," "Document xx seems to support the ideas in document xxx ...," "I agree / disagree with what Carmen said, because ...," "Does the evidence about your law /custom support the interpretation that ...," and "Where is the evidence to support this interpretation?"

After each group has formulated an interpretation, Ms. Hutton debriefs the students as a whole class using these questions to lead the discussion: what is your interpretation, what evidence supports this interpretation, and what evidence contradicts this interpretation? She circulates the room during the conversations

to evaluate, and redirect if necessary, her students' ability to make an oral argument in response to the discussion question. As she listens to their conversation, Ms. Hutton considers her students' ability to marshal relevant evidence in support of their argument, their use of academic language, and their overall understanding of the specific content in this lesson.

This example is summarized from a full unit, *Sites of Encounter in the Medieval World - Quanzhou*, available for free download, developed by the California History-Social Science Project (<http://chssp.ucdavis.edu>) as part of the History Blueprint initiative. Copyright © 2014, Regents of the University of California, Davis campus.

CA HSS Standards: 7.2.5, 7.3.4, 7.4.3, 7.8.3

CA HSS Analysis Skills (6–8): Research, Evidence, and Point of View 5

CA CCSS for ELA/Literacy: RH.6–8.1, 2, 9, WHST.6–8.7, 8, 9, SL.7.1, 2, 3, 4, 6

CA ELD Standards: ELD.PI.7.3, 6b, 9

850

851 Buddhism spread widely and gained many followers in China during the Tang
852 period and began to alter religious life in neighboring Korea and Japan as well.

853 Students return to the question: **How did Buddhism spread and change over**

854 **time?** In China Buddhist ideas intermingled with those of Daoism, a Chinese

855 religion emphasizing private spirituality, and Confucianism, the belief system that

856 stressed moral and ethical behavior. At its height in the ninth century, Buddhism

857 had 50,000 monasteries in China. As Confucian scholar-officials and Daoist

858 priests felt threatened by this “foreign religion,” the Tang emperors reversed their

859 earlier acceptance of Buddhism and began to persecute it. One result of this
860 persecution is that Buddhism did not become the official religion of China.
861 Instead, Confucian, Daoist, and Buddhist beliefs and practices fused together in
862 China to form a syncretic popular religion, emphasizing moral living, daily ritual,
863 and dedication to family and community.

864 Students turn their attention to the question: **How did Chinese culture,**
865 **ideas, and technologies and Buddhism influence Korea and Japan?** Under
866 the Tang dynasty, China expanded its trade and cultural influence to Korea,
867 Japan, and Southeast Asia. At sites of encounter, these societies adopted and
868 adapted Chinese ideas and institutions and combined those with their own ideas
869 and institutions to build distinct civilizations. This is the adoption and adaptation
870 form of cultural encounter. In the fourth century, three kingdoms emerged to rule
871 the Korean population, and in 670, one of those kingdoms, Silla, unified the
872 whole peninsula. Silla was closely connected to the Tang dynasty of China.
873 Korean elites used Chinese as a written language, but later devised a phonetic
874 script for the Korean language. In 936, the Koryo kingdom took over rule in
875 Korea, and adopted a civil service exam system copied after that of China.
876 Korean merchants were engaged in trade with Japan and China, and through
877 those networks, to Indian Ocean and Afroeurasian trade networks as well. The
878 Korea Society powerpoint, “Silla Korea and the Silk Road,” has images and
879 archaeological evidence that provide opportunities for students to analyze
880 cultural interaction and trade across Eurasia.

881 In a similar manner, Japan was influenced by China and Korea, but adapted
882 outside institutions and ideas to fit with its own indigenous culture. Before the
883 sixth century, Japan was an agricultural society ruled by land-holding clan
884 chieftains. Their religion, Shinto, emphasized the influence of the supernatural
885 world and spirits of the ancestors. One clan rose above the others, founded a
886 central state and a dynasty called the Yamato. Those rulers claimed the title of
887 “heavenly sovereign,” or emperor. About 850 CE, the Yamato rulers lost their grip
888 on political affairs, and aristocratic palace families assumed real power. The
889 emperors retained their throne but played mainly a ritual role. The pattern of
890 aristocratic clans warring and succeeding one another as rulers under the
891 sovereignty of a ceremonial but powerless emperor continued into modern times.

892 Between the third and sixth centuries, when China was politically fragmented,
893 many Chinese and Koreans migrated to Japan in search of refuge or opportunity.
894 Those newcomers introduced many innovations, including advanced metallurgy,
895 writing, silk production, textile manufacture, paper-making, and Buddhism.
896 Japanese tradition links the introduction of Buddhism and beginning of Chinese
897 cultural influence with Prince Shokotu (574-622). China’s immense power under
898 the Tang Dynasty stimulated Japanese interest in Chinese and Korean culture.
899 Literary scholars, officials, and Buddhist monks traveled to Japan. In turn,
900 Japanese intellectuals went west to seek knowledge, learn Confucian statecraft,
901 and acquire Buddhist texts, some made in Korea with some of the earliest known
902 wood-block printing technology. The Japanese gradually adapted Buddhism to fit
903 with older Shinto practices. For example, Shinto nature gods became associated

904 with Buddhist spirits and saints. The Zen school of Buddhism spread widely
905 among laboring men and women.

906 From about 1000 CE, the Japanese aristocratic class creatively combined
907 Chinese and Korean ideas with Japanese ways to form a new civilization with
908 distinctive institutions, literature, and arts. Japanese officials adopted rules of
909 government derived from imperial China but tailored them to their own smaller
910 population and territory. Scholars developed a writing system that used simplified
911 Chinese characters to represent Japanese sounds. Moreover, several
912 aristocratic women wrote literary works in Japanese. Students may read
913 selections from the *Tale of Genji*, a novel about a courtier's life written by Lady
914 Murasaki Shikibu sometime between 990 and 1012.

915 Even though China had a great influence on Japan, Japanese government
916 and society developed in its own direction. Students investigate the question:
917 **What influence did samurai customs and values have on the government**
918 **and society of medieval Japan?** Japan had an emperor, but the emperor and
919 his court had no real power. Clans continued to control regional areas of Japan.
920 Important clans fought each other for more land, power, and control over the
921 weak central government. In the 1180s, the Miramoto clan dominated Japan.
922 They instituted a military government headed by a "great general," or *shogun*.
923 The highest social status in the clan and in society went to the *samurai*,
924 professional fighters. Most samurai were vassals of clan leaders, or *daimyo*, in a
925 system that was similar to feudal lordship in Christendom at the same time.
926 Samurai were dedicated to a code of courage, honor, and martial skill. To

analyze samurai culture, students read *The Tale of the Heike* and view woodblock prints. The *Asia for Educators* website has a short excerpt of this story of samurai warfare, and there are many woodblock prints on the Web, although most date from later periods. During those centuries, Japan's agriculture, population, and urbanization continued to expand. Exchanges with China and Korea grew, as merchants traded luxury goods in return for Japanese silver, copper, timber, and steel swords. By 1300, East Asia was an interconnected region dominated economically and culturally by China.

The Americas, 300-1490

- How did the environment affect the expansion of agriculture, population, cities, and empires in Mesoamerica and the Andean region?
- Why did the Maya civilization, the Aztec Empire and the Inca Empire gain more power over people and territories?
- How did Mesoamerican religion develop and change over time?
- Under the Aztecs, why was Tenochtitlán a site of encounter?

To begin their study of civilizations in the Americas, students investigate the question: **How did the environment affect the expansion of agriculture, population, cities, and empires in Mesoamerica and the Andean region?**

One important environmental factor was the separation of the Americas and Afroeurasia after 15,000 BCE. As a result, different ecosystems developed in the Americas than in Afroeurasia. The Americas had no beasts of burden; corn was the major staple rather than rice or wheat. A second environmental factor is the

sheer size and variety of habitats in the Americas. The north-south axis of the Americas extends nearly 11,000 miles, from the frigid Arctic rim to the equatorial rain forests of the Amazon River basin to Tierra Del Fuego at the southern tip of South America. A mountain spine runs nearly the entire length, and divides the Americas longitudinally, separating narrow coastal plains on the Pacific from broad plains on the eastern side that stretch toward the Atlantic. Several great river systems, especially the Mississippi and the Amazon, have been channels of human communication since ancient times. Thousands of different cultures, speaking many different languages and following different customs, lived on the two continents. Their ways of life varied from gathering and hunting to agrarian-urban states. Lesson 2 or 4 of the California EEI Curriculum Unit “Sun Gods and Jaguar Kings” guides students through the landforms and climate zones that formed the environment for the two urbanized regions of the Americas.

Agriculture developed independently in Mesoamerica and the Andean highlands after 3000 BCE. Farming and village settlement spread through those regions and by the second millennium BCE, the Olmec civilization appeared in Mesoamerica and the Chávin civilization in the central Andes. Unlike Mesopotamia, Egypt, China, or India, these civilizations did not develop along great rivers. The catalyst for developing the Olmec civilization may have been surplus farming produce, population growth, or increasing trade. Connected by exchange of crops and products from the ocean, the lowlands, the highlands, and the rainforest, the Chávin civilization extended across the high Andes range to the lowlands on either side. After the Olmec and Chavín fell, other civilizations

973 took their place or grew up nearby. The Maya, Aztec, and Inca Empires built on
974 the culture and accomplishments of two thousand years of previous civilizations.
975 Between about 200 to 900 CE, the Maya region of southern Mexico,
976 Guatemala, and Belize had more than fifty independent city-states. The students
977 focus on this question: **Why did the Maya civilization gain power over people**
978 **and territories?** The teacher points out that although the Maya built on a basis
979 of civilizations before them, the Maya city-states built larger and grander
980 buildings, developed advanced writing, mathematics and astronomy, and had a
981 more hierarchical and wealthy society. Two factors that gave the Maya power
982 were rich agriculture and widespread trade. Among the largest cities were Tikal
983 in Guatemala and Calakmul in Mexico. Maya societies produced monumental
984 architecture, astronomic observatories, a pictographic writing system that yielded
985 libraries of thousands of books, and a sophisticated calendar system based on a
986 fifty-two-year cycle. These innovations would have given the Maya society strong
987 cultural power, because many neighboring people would have been impressed.
988 Students may compare mathematical systems that developed in Afroeurasia with
989 Maya mathematics, which utilized positional notation, the concept of zero, and a
990 base-20 numerical system. The monarchs and aristocratic families who ruled
991 these city-states kept order and defended their lands in wars with other city-
992 states. They also performed elaborate religious rituals to conciliate the gods who,
993 Mayans believed, commanded the rain and sun. These rituals included blood-
994 letting by members of the elite and royal families. The elites drew blood from their
995 own bodies to offer to the gods. The Maya also sacrificed enemies captured in

battle (instead of killing them on the battlefield). Farmers, artisans, and hunters paid taxes and supplied labor for construction of public temples, palaces, and ceremonial ball courts. After about 750 CE, warfare intensified among city-states, monumental construction diminished, and cities were gradually abandoned. Deforestation, erosion, and drought may have contributed to their decline.

The Aztec Empire emerged in the fifteenth century. Initially, students focus on: **Why did the Aztec Empire gain more power over people and territories?**

The Aztecs, a people who originally migrated from northern Mexico, owed a strong cultural debt to the Maya, Teotihuacán, and the Toltec cities in Mesoamerica. The Aztecs won their power by warfare. They unified much of central Mexico by defeating all other powerful cities and states. They created a state based on ingenious methods of farming, collection of tribute from conquered peoples, and an extensive network of markets and trade routes.

Next students investigate the question: **How did Mesoamerican religion change over time?** The Aztec practiced ritual sacrifice of war captives (instead of killing them on the battlefield), but to a greater extent than the Maya had. The Aztecs believed that the god of the sun would stop shining and the universe would collapse without a constant supply of human hearts and blood. Comparing Maya and Aztec practices shows students how the Mesoamerican religion changed over time. Students may analyze visuals from Aztec tribute records, the *Florentine Codex*, and other codices made in the early Spanish period. Lesson 5 of the California EEI Curriculum Unit “Sun Gods and Jaguar Kings” has an excellent activity based on the Aztec tribute records as sources. Ultimately, the

1019 resentment of conquered people made the Aztec Empire unstable.

1020 Students also study the question: **Under the Aztecs, why was Tenochtitlán**

1021 **a site of encounter?** This is the first part of their study, as they will return to

1022 “Mexico City” as a site of encounter in the Global Convergence unit. Tenochtitlán

1023 was built on an island in Lake Texcoco, with three causeways linking it to the

1024 mainland. The city was built in circles, with temples and government buildings in

1025 an inner square, houses in the outer circles, and floating garden beds on the lake

1026 around the city. It was one of the largest cities in the world at that time. Its

1027 markets contained vast amounts and variety of goods from all over

1028 Mesoamerica.

1029 Students compare the Aztec empire with the Inca state that arose in Andean

1030 South America, with the question: **Why did the Inca Empire gain power over**

1031 **people and territories?** Like the Aztecs, the Incas built on a series of earlier

1032 civilizations, but combined cities and states together into a larger empire than

1033 any before in that region. The Inca rulers built a highly centralized political

1034 system that included methods of food distribution in times of poor harvests. They

1035 also created a network of about 25,000 miles of government-controlled roads that

1036 ran along the Andes spine and served military, administrative, and commercial

1037 purposes. The Incas did rely on military power but they also offered important

1038 social benefits to the population. In contrast to the Aztecs, the Incas did not have

1039 a writing system, but they used Andean *quipus*, or sets of colored and knotted

1040 strings, to keep complex records. To conclude this unit, students can meet in

1041 groups and prepare graphic organizers comparing power, religion, social
1042 customs, agriculture, intellectual developments, and trade in each culture.

1043

1044 **West Africa, 900-1400**

- 1045 • How did the environment affect the development and expansion of the
- 1046 Ghana and Mali empires and the trade networks that connected them to
- 1047 the rest of Afroeurasia?
- 1048 • Why was Mali a site of encounter? What were the effects of the
- 1049 exchanges at Mali?
- 1050 • How did Arab/North African and West African perspectives differ on West
- 1051 African kingdoms?

1052 As of 500 CE, groups of farming and animal-herding peoples lived in West
1053 Africa, a region with four large zones of climate and vegetation running west to
1054 east. Students begin with the question: **How did the environment affect the**
1055 **development and expansion of the Ghana and Mali empires and the trade**
1056 **networks that connected them to the rest of Afroeurasia?** The most northerly
1057 belt is the intensely arid Sahara, home to oasis-dwellers and pastoral nomads.
1058 Just south of the desert is the semiarid Sahel zone, where cattle and camel
1059 herding predominated. Third is the tropical grassland, or savanna, which had
1060 sufficient rainfall to support farmers and their fields of rice, sorghum, and millet.
1061 In the far south is the wet tropical forest. There, settled life depended on
1062 cultivation of root crops and other forest foods. In the Sahel and savanna,
1063 agriculture and herding supported the growth of regional trade. Tracing a great

arc across West Africa, the Niger River provided a natural highway of communication linking different ecological zones. Farming, trade, and early development of iron smelting stimulated town building. The city of Jenne-jeno, built in the early centuries CE, was home to artisans who produced iron tools, copperware, gold jewelry, and fine painted ceramics.

In addition to local markets, West Africa contained rich deposits of gold. Both Muslim and Christian rulers and traders in the Mediterranean region craved African gold, notably for coinage. West African merchants acquired gold from mines in the Sudan and shipped it to towns in the Sahel, where Arab and Berber merchants carried the gold north on trans-Saharan camel caravan routes. Some of this African bullion then flowed into Europe or eastward toward India. Students use the Sites of Encounter in the Medieval World interactive map to investigate these environmental factors. Then they read Ibn Battuta's account of the perilous crossing of the Sahara in an excerpt from the Mali lesson of the "Sites of Encounter in the Medieval World" unit. They read the text individually first, then meet in group to discuss and report on one paragraph of the reading, and finally read the text again and answer text-dependent questions.

The centralized state of Ghana emerged around the eighth century in the western part of the Sahel zone. The king of Ghana commanded a large royal household, a hierarchy of officials, and an army of infantry archers. The Ghana empire had Muslim officials, though the kings probably did not convert. Ghana slowly crumbled in the eleventh and twelfth centuries, but around 1240, Mali emerged to rule over a large part of the western Sudan. Mali's rulers

1087 accumulated wealth collecting tribute from African farmers and taxing trans-
1088 Saharan trade. The royal court employed staffs of both foreign and native-born
1089 Muslims as administrators, and Arabic became the written language of
1090 government and diplomacy. Most of the kings and their officials professed Islam
1091 and introduced Islamic law, though most of West Africa's population adhered to
1092 their local religions for several more centuries. In the 1300s Timbuktu, a city near
1093 the Niger River, rose as a regional center of trade and Islamic learning.

1094 The gold trade across the Sahara involved Ghana and Mali in Afroeurasian
1095 trade networks. Students focus on Mali with the question: **What made Mali a site**
1096 **of encounter? What were the effects of the exchanges at Mali?** Northbound
1097 caravans also shipped ivory, ostrich feathers, and slaves captured in raids and
1098 wars. Merchants marched these captives, including many women, to the
1099 Mediterranean or Middle East principally to serve in Muslim households. The
1100 southbound trade included salt from Saharan mines, a commodity that
1101 commanded huge demand in West Africa. Other southbound commodities
1102 included copper, horses, and Arabic books. Arabic- and Berber-speaking
1103 merchants from North Africa likely introduced Islam to West Africa in the eighth
1104 century. They established bonds with Sudanic traders, many of whom converted
1105 to the new faith. Even for those Africans who did not convert to Islam, Muslim
1106 culture had a significant impact on West African architecture, education, and
1107 languages. The "Sightseeing in Mali" gallery walk activity guides students
1108 through analyzing artifacts from Mali, such as mosques, statues of mounted
1109 warriors, an astronomy book, and the university at Timbuktu. The artifacts show

that the West Africans adopted Muslim culture but also adapted it to fit their own culture.

In order to probe more deeply into the history of West African kingdoms, students analyze this question: **How did Arab/North African and West African perspectives differ on West African kingdoms?** The “West African and Arab/North African Perspectives” activity contains excerpts from Arab/North African sources by al-Bakri, al-Umari, Ibn Khaldun, and Ibn Battuta, and one West African source, *The Epic of Sundiata*. All of the written sources about the West African kingdoms were written by Arab/North African writers, who thought that West African culture was more primitive than Arab culture. If the historian relies on their evidence alone, he or she would think that Islam and the gold trade were almost the creators of West African states. Students access a West African perspective in the *Epic of Sundiata (Sunjata)*, a heroic king associated with the rise of Mali. The epic was passed down by griots in an oral tradition until the mid-twentieth century, when one version of it was recorded in writing. In the close reading activity, students learn how to identify perspective as they compare passages. At the conclusion of this lesson, students work with the Sites of Encounter in the Medieval World map to analyze the position of Mali in the Islamic world, and compare that position at the end of a single trade route and within a single trade circle with Cairo’s position at the center of many trade routes and three trade circles. A brief discussion on the differences between the cultural center and the periphery will introduce students to this geographical concept.

1133 **Sites of Encounter in the Medieval World, 1150-1490**

- 1134 • How did the Mongol Empire destroy states and increase the
1135 interconnection of Afroeurasia?
- 1136 • What were the effects of the exchanges at Majorca and Calicut?
- 1137 • How did increasing interconnection and trade, competition between states
1138 (and their people), and technological innovations lead to voyages of
1139 exploration?

1140 Around the year 1000 in Afroeurasia, technological innovations in agriculture
1141 caused massive increases in productivity, population growth, settlement of new
1142 lands, and a great expansion of manufacturing, trade, and urbanization. The
1143 agricultural revolution between the Tang and Song dynasties made China the
1144 center of industry, as it produced new inventions and luxury products desired
1145 throughout Afroeurasia. Innovations spurred a huge expansion of agriculture in
1146 Europe, cultivation of new lands, expansion of trade, and a rebirth of
1147 manufacturing, trade, urban culture, and education. Networks of commercial,
1148 technological and cultural exchange covered most of Afroeurasia. In the center,
1149 the Muslim world (now divided into many states) and India prospered as
1150 producers of goods such as cotton cloth, spices, and swords, and also as
1151 middlemen along the east-west trade routes. While people rarely traveled from
1152 Spain to China, products, technologies, and ideas did. From 1200 to 1490, those
1153 networks grew stronger, busier, and tighter.

1154 The attacks and domination of the Mongol Empire had a huge negative effect
1155 on states, empires, and many people of Eurasia, but it also greatly extended

1156 trade, travel, and exchange between Afroeurasian societies. The teacher
1157 introduces the question: **How did the Mongol Empire destroy states and**
1158 **increase the interconnection of Afroeurasia?** In the late twelfth century,
1159 nomadic warriors from the steppe and deserts north of China, the Mongol tribes
1160 (and other Central Asian nomadic tribes), were united by a charismatic leader,
1161 Chinggis (Genghis) Khan, who lead them to conquests across Eurasia. At its
1162 height, the Mongol Empire was the largest land empire in world history. Mongols
1163 were fierce and highly mobile fighters who terrified the people they conquered,
1164 even though their numbers were small. Students examine maps of the Mongol
1165 conquests and empire, and compare these with the Sites of Encounter in the
1166 Medieval World interactive map, which has physical, religious, political and other
1167 maps of Afroeurasia. After Chinggis Khan's death, the Mongol Empire split up
1168 into four khanates. Chinggis' grandson, Hulagu Khan, was ruler of the Il-Khanate.
1169 Since the Muslim states were divided, individually they were no match for the
1170 Mongol warriors. Hulagu conquered Persia, Syria and part of Anatolia and
1171 destroyed the Abbasid Caliphate's capital of Baghdad. Although some feared
1172 that the Mongols would destroy the Muslim world, the Egyptian Mamluk
1173 Sultanate fought the Mongol army and stopped its advance. Mongols in the
1174 Khanate of the Golden Horde overran Russia and attacked Poland and Eastern
1175 Europe. The Khanate of the Great Khan went to another grandson, Kubilai Khan,
1176 who took over China from the Song dynasty. Kubilai established the Yuan
1177 dynasty and kept many Chinese customs, but replaced Confucian scholar-
1178 officials with foreign administrators. The Mongols conquered states in Southeast

1179 Asia and tried twice to invade Japan in the late thirteenth century, but failed both
1180 times. The domination of the Mongols did not last long; three of the four Mongol
1181 khanates fell by 100 years after the conquest.

1182 Although the Mongols killed many people and destroyed many cities in its
1183 conquest, after the conquest, the Mongols tolerated all religions and protected
1184 and promoted trade across Eurasia. Under their protection, the land trade route
1185 from China to the Mediterranean re-opened and trade boomed. The Mongols
1186 also moved people around throughout their empire, using, for example, Persian
1187 and Arab administrators in China, and facilitating the journey of Marco Polo (and
1188 many other less famous people) from Venice to China. The increase in
1189 interaction also spread Chinese technologies and ideas into the Muslim and
1190 Christian worlds. To understand both the negative and positive effects of the
1191 Mongol conquest and empire, student groups do a gallery walk with visuals of a
1192 Mongol passport, hunting scroll, gold textile, and a Persian tile with Chinese
1193 motifs, and an excerpt from Marco Polo describing the Mongolian postal service.
1194 Students cite evidence from each primary source on a source analysis template
1195 to answer the question: **How did the Mongol Empire increase the**
1196 **interconnection of Afroeurasia?**

1197 After the Mongol khanates fell, new states and empires arose. As the Il-
1198 Khanate declined, Turkish kingdoms replaced the Mongols. These Turkish
1199 warriors originally came from Central Asia, and spread into the Muslim world
1200 after their conversion to Islam. Combining dedication to religious ideas with the
1201 mounted warrior tradition of Central Asia, they took over the settled Muslim

lands. In the west, Turkish armies took over most of Anatolia from the Byzantine Empire (a conquest which set off the Crusades). One of the Turkish leaders, Osman, created the Ottoman Empire in 1326. He and his successors conquered all of Anatolia, Greece, and most of the Balkan peninsula in eastern Europe, before conquering Constantinople in 1453 and bringing the Byzantine Empire to an end. Other Turkish dynasties took over Persia (the Safavids) and northern India (the Mughals). In China, the native Ming dynasty removed the Mongols and returned the administration of China's government to Confucian scholar-officials.

In the remainder of this unit, students will engage with this question: **How did increasing interconnection and trade, competition between states (and their people), and technological innovations lead to voyages of**

exploration? Most states and empires supported trade as the rulers and elite groups wanted access to products such as silk from China, Persia, Syria, and Egypt; spices from India and Southeast Asia; cotton cloth from India and Egypt; and gold from West Africa. Kings and their officials also realized that trade made their states strong and increased their tax income. Some used their military power to take over trade centers that belonged to other states or to dominate trade routes. As trade connections, imperial expansion, and travel increased in Afroeurasia, both conflict and cooperation occurred at sites of encounter.

Competition between states for land and resources and between the followers of different religions made many encounters violent. At the same time, people from different cultures found ways to cooperate so that they could trade and coexist.

1224 Of the major regions of Afroeurasia, medieval Christendom had one of the
1225 least developed but also one of the fastest growing economies. There were few
1226 European products that people in Asia and Africa wanted to buy, but there was a
1227 large and growing market in Europe for Asian spices, cloth, porcelain, and other
1228 goods. Europe had to export silver and gold to pay for these goods. Most of the
1229 silver ended up in China. Between about 1000 and 1300 CE, the ships and
1230 traders from Venice and Genoa rose to dominate long-distance commerce to
1231 Europe from Cairo and other Muslim trade cities in Southwestern Asia and North
1232 Africa. During the same time period, certain states of Western Christendom,
1233 notably England, France, Castile, and Aragon grew stronger and more
1234 centralized. The kings of Castile, Aragon, and other Christian kingdoms of Iberia
1235 fought against Muslim kingdoms of al-Andalus for both religious and political
1236 reasons. As a case study of Christian, Muslim and Jewish interaction in medieval
1237 Iberia, students analyze the site of encounter, Majorca, with the question: **What**
1238 **were the effects of the exchanges at Majorca?** King James I of Aragon
1239 conquered this island off the eastern coast of the Iberian Peninsula from its
1240 Muslim Almohad rulers in 1229. Students read excerpts from James's
1241 *Autobiography* in a guided activity that teaches them how to cite evidence. They
1242 learn that James was motivated in part by Majorca's position as a trading and
1243 shipping center for the western Mediterranean and the Maghribi ports, which
1244 controlled the gold trade from Mali. Catalan merchants urged James to take over
1245 Majorca because they wanted to gain access to those markets. On the Majorcan
1246 base and elsewhere in Iberia, Catalans, Genoese, Iberian Jews, Iberian Muslims

1247 (Moors), and Portuguese developed maps, such as the Catalan Atlas, ships, and
1248 navigational technology which gave Mediterranean shippers access to the
1249 Atlantic Ocean. Accessing the Catalan Atlas reproductions online, students
1250 closely examine this early map of Afroeurasia to identify its improved features,
1251 such as accurate coastlines and a compass rose. In a gallery walk, they analyze
1252 objects, such as the lateen sail and the astrolabe, adopted from the Islamic
1253 world, and the compass, invented in China, and visuals of medieval ships to
1254 identify the technological improvements. These examples demonstrate the
1255 synthesis of creative energies that a site of encounter often produces. Using this
1256 technology, Catalans and Portuguese began exploring the African coast (looking
1257 for a different route to the gold fields of West Africa). However, increasing
1258 intolerance of the Iberian Christian kingdoms to Jews and Muslims ended that
1259 multicultural society by 1500. In the “Investigative Reporting on Intolerance,”
1260 student groups read excerpts from al-Idrisi, Benjamin of Tudela, Ramon Llull, or
1261 Ferdinand and Isabella. Then the student group designs and acts out an
1262 investigative report (as for TV news or a cell phone I-Report). Each student in the
1263 group plays a role in the report, which can be videotaped, recorded on a cell
1264 phone, or acted out live. All reports are shown to the class, and students record
1265 specific information and evidence on a chart. The teacher concludes by pointing
1266 out that England, France, and other states also expelled Jews in this period.
1267 Tired of the persecution, many European Jews migrated to Poland, where the
1268 government gave them security and rights, Russia, and elsewhere in Eastern
1269 Europe.

1270 Next the students switch to a site of encounter in India, Calicut, a major trade
1271 center of the Indian Ocean trading network. As they explore the question: **What**
1272 **were the effects of the exchanges at Calicut?** students learn about both the
1273 fifteenth-century Indian Ocean trade and the advent of the Portuguese in 1498. In
1274 the “What’s so Hot about Spices?” activity, students examine written and visual
1275 primary sources about popular spices, where they were grown, and how they
1276 were used as flavorings, medicines, and perfumes. Using the Sites of Encounter
1277 in the Medieval World map, students study the Indian Ocean monsoon patterns
1278 and tables of medieval sailing seasons to determine the effects on ships,
1279 merchants, and sailors. Ships from many states visited Calicut, including Chinese
1280 junks and the huge fleets led by Admiral Zheng He. Between 1405 and 1433, the
1281 Ming emperor sent out enormous fleets of hundreds of ships on seven major
1282 voyages to trade and collect tribute in the Indian Ocean, advancing as far west
1283 as the Red Sea and East Africa. Although after 1433, the Ming emperors did not
1284 send out any more naval fleets, trade continued. In the “Analyzing Perspectives
1285 on Calicut and Trade” group activity, students read primary sources written by
1286 Arab travelers, Jewish merchants, Persian ambassadors, Chinese officers and
1287 explorers, and Portuguese explorers. Each group member chooses an equal
1288 share of the sources, which he or she reads aloud to the group and then guides a
1289 discussion, as everyone else fills out a source analysis chart. Students use the
1290 evidence to write an essay on the question: **What were the effects of the**
1291 **exchanges at Calicut?** The lesson has the writing prompt, instructions for
1292 evidence use, an effects organization chart, an evidence analysis chart, an essay

frame, and a grading rubric. The teacher selects among these resources those that will support English Learners and struggling writers as appropriate.

To conclude, the teacher returns to central question: **How did increasing interconnection and trade, competition between states (and their people), and technological innovations lead to voyages of exploration?** He or she asks students to identify examples of each of these causes from Majorca and Calicut. Comparison of the voyages of Zheng He with those of Columbus and/or Da Gama makes a good transition to the next unit.

Global Convergence, 1450-1750

- What impact did human expansion in the voyages of exploration have on the environment, trade networks, and global interconnection?
- Why did the Europeans use colonialism to interact with Native Americans and some Southeast Asians? What were the effects of colonialism on the colonized people?
- What were the effects of exchanges at Tenochtitlán/Mexico City in the 16th through 18th centuries?
- Was slavery always racial?
- How did the gunpowder empires (Ming/Manchu China, Mughal India, Safavid Persia, Ottoman Empire, Russia, Spain, later France and England) extend their power over people and territories?

This unit begins with the question: **What impact did human expansion in the voyages of exploration have on the environment, trade networks, and**

1316 **global interconnection?** In the last unit, students investigated the state of
1317 Afroeurasian trade and power before the voyages of exploration and the
1318 technological developments in ships and navigation that enabled the European
1319 voyages. They examined the Chinese voyages of exploration led by Zheng He
1320 and the initial Portuguese voyages around Africa to India and Calicut. Now they
1321 turn to the Spanish and Portuguese voyages across the Atlantic begun by
1322 Columbus. As a result of these voyages, new oceanic routes connected nearly
1323 every inhabited part of the world. The Early Modern Period witnessed greater
1324 global connection and exchange, as European conquests and encounters in the
1325 Americas linked both hemispheres in significant ways.

1326 People, plants, and animals were introduced to places where they had
1327 previously been unknown. This “Columbian Exchange” led to profound changes
1328 in economies, diets, social organization, and, in the Americas, to a massive
1329 devastation of Indian populations because of exposure to new disease
1330 microorganisms originating in Afroeurasia. The Columbian Exchange marks the
1331 important biological exchange of disease, flora, and fauna between both
1332 hemispheres. Students investigate the transfers of American crops such as
1333 maize, potatoes, and manioc to Afroeurasia, as well as addictive substances
1334 such as tobacco and chocolate. From Afroeurasia, the Americas acquired
1335 horses, cows, pigs, and sheep. Introduction of new staple crops helped increase
1336 the population in much of Afroeurasia, and the imported animals and plants
1337 transformed the landscapes of the Americas. The Colombian Exchange also
1338 occurred across the Pacific Ocean: American crops transplanted to China grew

the Chinese economy, while the chili pepper sent to Southeast Asia affected food preparation, the economy, and culture. The diffusion of Afroeurasian diseases to the Americas had catastrophic demographic consequences. The mortality of as much as 90% of Native American population allowed European newcomers to conquer territories in the Americas. Migration by Europeans and forced migration of Africans to the Americas led to a radically different population mix and the emergence of new hybrid populations and cultures. Africans enslaved and forced to migrate outnumbered Europeans in the Americas until the nineteenth century. The loss of so many people caused severe economic and demographic disruption in tropical Africa. The effects of the Columbian Exchange were profound environmental change and huge human population shifts.

European voyages to the Americas and the Indian Ocean transformed world trade networks. The Spanish extracted precious metals, gold and especially silver, and the Portuguese, Dutch, French, and English extracted raw materials, such as lumber and furs, from their American colonies and shipped them to Afroeurasia. Europeans set up plantations to grow cash crops that were exported to Afroeurasia. The result was a massive influx of wealth into Europe. However, Asia remained the world's most productive center of agriculture and manufacturing until near the end of this era. Chinese products were so highly desired in the European market that a substantial portion of the silver taken from the New World ended up in China as payment for Chinese products exported to Europe. European states and merchants also took over the shipping of products around the world's oceans and seas, gradually replacing the merchant fleets of

other regions. These European states frequently battled with each other to dominate shipping routes, trade cities, and lands with desirable resources. The Portuguese battled Indian, Arab, and Southeast Asian shippers in the Indian Ocean, but the Portuguese were soon themselves attacked and replaced by the Dutch, who took over the spice islands of Southeast Asia. French and English fleets and pirates battled Spanish fleets in the Atlantic and Pacific. Ocean trade expanded and became more militarized as the Europeans took over shipping. Students analyze maps to see how the more important voyages of exploration led to the development of global trading patterns and the location of European colonies by 1750.

Next students investigate the question: **Why did the Europeans use colonialism to interact with Native Americans and some Southeast Asians? What were the effects of colonialism on the colonized people?** It's important for students to recognize that the Europeans did not take over China, India, Africa, and most of Asia until the nineteenth century. For this entire period, therefore, the major Afroeurasian centers – China, India, and the Islamic World – were too strong for Europeans to conquer. In lands where states were not as strong, Europeans established colonies. European armies used gunpowder weapons to defeat local resistance. Europeans became the government rulers and officials and changed the laws. They also took desirable land away from the native owners and gave it to Europeans. Often the Europeans used the land to grow tropical commercial crops for sale in Afroeurasia. Sometimes the European government and army forced the native people to work for the Europeans as

well. Finally, European Christian missionaries spread through the colonies trying to convert local people to Christianity. Some states, such as Spain and Portugal, supported these missionaries and helped to force local people to change their religion; other states, such as the Netherlands, did not pay much attention to missionary activities. The teacher uses a guided discussion format to address the question: **Why did the Europeans use colonialism to interact with Native Americans and some Southeast Asians?** Students brainstorm possible motives of Europeans and weigh the relative importance of power, wealth, competition with other European states, and religion, using a discussion guide with sentence starters modeling academic language. As a group, students rank the possible motives and explain their reasons, and each student individually writes a one-sentence interpretation (argument or claim) answering the question. The teacher emphasizes that although many states had conquered sites of encounter in the past, colonialism was a new form of interaction between cultures that was unequal and exploitative.

In addition to conquering areas where there were divisions among many states, such as Sumatra, Java, Malaysia, and the Philippines, or where there were no states, such as the Caribbean islands, Spanish conquerors took over both the Aztec and Inca empires in the early sixteenth century. Students assess explanations that historians have given for their defeat at the hands of small numbers of Europeans. Two key factors aided European military efforts. The first was the introduction of infectious diseases, such as smallpox and measles, which were endemic in Africa and Eurasia, but against which American Indian

1408 populations lacked even partial immunities. These diseases began to ravage
1409 societies in both North and South America shortly after the Spanish invasions got
1410 underway. The second factor was Spanish success at allying with local groups,
1411 notably the Tlaxcalans, who wished to free themselves from Aztec rule. In the
1412 California EEI Curriculum Unit “Broken Jade and Tarnished Gold,” students learn
1413 that the Spanish needed the natural resources of the region, with a goal of
1414 sustaining their own economic and political systems in the “Old World.” They
1415 explore many human social factors including greed, religious fervor, and disease
1416 that left the Spanish in control of vast lands in Central and South America,
1417 eventually propelling the empire to expand into the lands to the north, including
1418 California.

Grade Seven Classroom Example: The Spanish Conquest of Mexico

To assess the impact of the Spanish conquest, Mr. Brown’s students return to the question: **What were effects of exchanges at Tenochtitlán/Mexico City in the 16th through 18th centuries?** The students begin by analyzing images of the conquest and interactions between Spanish and Aztecs/Mexica, which can be found in the image exercises in the “Conquest of Mexico” materials at the American Historical Association’s *Teaching and Learning in a Digital Age* website.

After Mr. Brown explains how to analyze perspective or point of view, student pairs source the images and identify evidence of exchanges, effects of exchanges, and perspective. As they share their evidence, Mr. Brown guides and

refines their understanding of perspective or point of view. Next they engage in a close reading of excerpts from accounts of the conquest and its early impact from the Letters of Cortés, the *True History* of Díaz del Castillo, *Broken Spears*, the *Florentine Codex*, and the *Short Account of the Destruction of the Indies* by De Las Casas. (Excerpts in English and Spanish from all of these works are readily available on the web, except for *Broken Spears*, collection of Aztec writings about the conquest that was originally written in Nahuatl and recently edited and translated into English.) Sometimes Mr. Brown has all students read every document; other times he divides the documents between student groups. (The most effective division would have students read one Spanish account and one Aztec account that addressed the same event or topic.)

Each student reads the document individually first, and then discusses the question: **What is this reading about?** with a partner. In the second reading, students fill out a sentence deconstruction chart that breaks down the most crucial sentence or sentences of the text, complete a worksheet that helps them identify unfamiliar vocabulary in context, and then answer text-dependent questions. For the third reading, the students mark up and annotate the text, using cognitive markers (for exchanges, effects of exchanges, loaded words, evidence of perspective or point of view, questions).

After reading all the documents, students meet in groups, identify the exchanges and effects of exchanges and cite evidence for each on an effects analysis graphic organizer. As Mr. Brown displays the graphic organizer of

several groups on the elmo, he or she helps students group together common exchanges, state their points in academic language, and understand any unclear points. Students investigate examples of the hybrid nature of Colonial Latin America and assess the contributions of native peoples to the cultural, economic, and social practices of the region by 1750. (Two concrete examples of this are the building of the Mexico City cathedral on the location of the central pyramid, as well as other changes to the spatial geography of Mexico City, and the Virgin of Guadalupe. Seventeenth-century Dutch, English, and French conquest and colonization in the Caribbean and North America are introduced and can be compared with developments in Latin America.)

CA HSS Standards: 7.7.3, 7.11.2

CA HSS Analysis Skills (6–8): Chronological and Spatial Thinking 3, Research, Evidence, and Point of View 5

CA CCSS for ELA/Literacy: RH.6–8.1, 2, SL.7.1, 4, L4a

CA ELD Standards: ELD.PI.7.1, 6a, 6b, 12a; ELD.P.II.7.12a

1419

1420 Next students investigate the transport of African slaves to the Americas and
1421 the creation of racialized slavery with the question: **Was slavery always racial?**
1422 The teacher refers back to examples of slavery in the ancient and medieval
1423 world, such as Rome, where slaves belonged to all ethnic groups and were
1424 usually captives in war. In the medieval Mediterranean, Christians and Muslims
1425 enslaved captives who did not belong to their own religions. However, slavery
1426 was not necessarily for life, and the children of slaves were not always slaves

themselves. In the Americas and the trade circuit scholars call the Atlantic World, European slave-traders imported kidnapped Africans to work on plantations and mines in response to shortages of Indian labor in the Americas. Since relatively few Europeans wished to migrate to the Americas to perform grueling labor in tropical climates, European planters and mine operators turned to western Africa to acquire large numbers of enslaved men and women and thereby have the labor for large-scale capitalist enterprises in the Americas. Teachers may also highlight the role played by African leaders such as Queen Nzinga from Angola in this increasingly global exchange. In the Americas, slavery became racialized and Europeans began to cultivate the idea that Africans were lesser people who were supposed to be enslaved. Students analyze visuals of the Middle Passage and maps of the Atlantic World trade routes and the numbers of slaves who were transported to the Caribbean and Brazil, which vastly outnumbered those who were transported to the Thirteen Colonies. Attention to these points will prepare students for studying colonial economies and slavery in Grade 8. Africans took part in the world economy in ways that profited rulers and traders but that caused misery for millions. The forced removal of millions of people also had severe economic and demographic consequences in tropical Africa.

The final question of this unit is: **How did the gunpowder empires (Ming/Manchu China, Mughal India, Safavid Persia, Ottoman Empire, Russia, Spain, later France and England) extend their power over people and territories?** Wide-scale use of gunpowder technology – cannon and firearms – transformed warfare and armies. Since these weapons were so

expensive, only states could afford them. Gunpowder technology revolutionized warfare and enabled the power of the central state or empire to expand greatly. With firearms, state armies could dominate internal rivals and decimate larger armies that had no firearms. As a result, some states built large gunpowder empires using the power of the new technology. These gunpowder empires, which included Spain, Russia, Ming China, the Mughal Empire in India, the Safavids in Persia, and the Ottoman Empire, were able to dominate weaker polities and expand their territories. In England, France, Japan under the Tokugawa Shogunate, and many other smaller states, rulers used the power of their armies to deprive feudal lords of their local power and centralize authority in their own hands. As a result, states became more centralized and governments grew stronger. Gunpowder empires and states used their armies to attack other states as well. For example, in the sixteenth century, Ottoman armies attacked the Austrian Empire, Hungary, and Poland. French and English armies and navies fought wars against the Spanish and Austrian Habsburg empires.

The Impact of Ideas, 1500-1750

- How did the Reformation divide the Christian Church, millions of people, and European states?
- How did world religions change and spread during the early modern period?
- What were the effects of the Renaissance and the Scientific Revolution?

- How were the social contract and other political ideas of the Enlightenment revolutionary?

This unit investigates religious, cultural, and intellectual changes in the period from 1500 to 1750. Students see the impact of new information flowing into Europe from the “discoveries” in the Americas as a more critical factor in reshaping European thought than the cultural movement of the Renaissance. While the Reformation was a critically important development in Christianity, other world religions continued to change and spread in this period as well. To reflect this new historiography, this unit focuses on two strands, religion and cultural and intellectual developments, both in the world context. Rewriting of this unit also addresses the problem of teaching abstract concepts to seventh-graders in May and June. It streamlines the content to focus on the most important developments and recommends activities that will engage students as well as challenge them.

To introduce the Reformation, the teacher reminds students that there was only one Church in Western Europe, headed by the Pope in Rome, but that there were other Christian churches elsewhere, such as the Orthodox churches. In the 1500s, Roman Christianity split into multiple denominations. Students will focus on the question: **How did the Reformation divide the Christian Church, millions of people, and European states?** By the early sixteenth century, criticism of the clerical and institutional practices of the Catholic Church (e.g., the selling of indulgences and corruption by the clergy) was extensive. Martin Luther not only criticized these practices, but also fundamental doctrines such as the

validity of five of the seven sacraments and the need for clergy and good works to achieve salvation. He created a new theology that Christian religious practice be strictly guided by knowledge from within the Bible alone and that salvation was justified by ‘faith alone.’ Students can analyze Martin Luther’s account of his tower experience, using the excerpt, sentence deconstruction chart, and analysis chart on the Blueprint for History blogpost “Martin Luther Primary Source and CCSS Activity.” A generation later, John Calvin argued for predestination, whereby those elected by God were certain of salvation. The distinctions between Lutheranism and Calvinism were significant and led to many separate denominations within Protestantism. Students examine a diagram showing how modern Christian churches descended from these original splits in Protestantism. The Catholic Reformation in response to Protestantism transformed the Roman Church as well, especially in its practices. All churches stressed education, understanding of doctrine, and social discipline for lay people.

The Reformation had dramatic effects on European people. All of the new denominations, Catholic and Protestant, were intolerant of each other and would not allow believers from another denomination to coexist with their believers. Mobs of ordinary people sometimes fought over religious differences. The rulers of states chose one denomination and required all the people living in the state to belong to that denomination. For example, if Calvinists found themselves living in a Lutheran state, they had either to hide their belief or move to another country. The threat of Protestantism added more fuel to the already growing religious persecution in Spain, which had expelled the Jews in 1492. Spain expelled all

1518 Muslims between 1500 and 1614 and persecuted converts and dissenters in the
1519 Spanish Inquisition. Spanish identity became associated with Roman Catholic
1520 belief and a strong sense of the Spanish mission to protect and spread it, which
1521 showed also in the strenuous and successful efforts of the Spanish to convert the
1522 local people in their Latin American colonies and the Philippines. Protestant
1523 states were also intolerant and executed Catholics and members of other
1524 Protestant denominations. In addition, state authorities executed 50,000 people,
1525 $\frac{3}{4}$ of them women, as witches who had sworn loyalty to the devil.

1526 Whereas the Catholic Church insisted that priests and nuns remain celibate
1527 (unmarried), the new Protestant churches permitted their clergy to marry. In a
1528 few radical Protestant sects, women sometimes became leaders in church
1529 organization and propagation. However, male clergy, both Catholic and
1530 Protestant, generally agreed that even though men and women are equal in the
1531 sight of God women should bow to the will of their fathers and husbands in
1532 religious and intellectual matters.

1533 Religious differences shaped European divisions for the rest of the early
1534 modern era. Most of northwestern Europe, such as England, the Netherlands,
1535 the northern German lands, and Scandinavia, became Protestant, while most of
1536 southwestern Europe, such as France, Spain, the southern German lands, and
1537 Italy, remained loyal to Rome. Religious differences led to wars between Spain
1538 and England, the revolt of the Netherlands, the Huguenot civil wars in France,
1539 and the Thirty Years War in Germany, which ended in 1648. By that time, after
1540 150 years of religious warfare, many Europeans were calling for religious

toleration to bring an end to religious violence.

Students now turn to the question: **How did world religions change and**

spread during the early modern period? The expansion of global

communications facilitated the further expansion of major world religions, notably

Christianity in the Americas and Southeast Asia, Islam around the Indian Ocean

rim, and Theravada Buddhism from Sri Lanka to Southeast Asia. The Christian

reformation played a significant role in motivating colonization of the Americas.

European missionaries, especially Catholic missionary orders, spread reformed

Christianity in Africa and Asia during the early modern period.

A new world religion, Sikhism, was founded in 1469 in South Asia. Sikhism

was founded by Guru Nanak, a social reformer who challenged the authority of

the Brahmins and the caste order. Students learn about the Sikh Scripture (Guru

Granth Sahib), articles of faith, the turban, and Sikh history. Guru Nanak taught

that all human beings are equal and can realize the divine within them without

any human intermediaries or priests. Sikhs believe that each individual can

realize the divine on his or her own through devotion to God, truthful living, and

service to humanity. The three basic principles of Sikhism are honest living,

sharing with the needy, and praying to one God. With the addition of Sikhism,

there were now four major religions of indigenous origin. While relations between

people of different religions were often peaceful, generally, most Muslim rulers

persecuted Sikhs as well as Hindus and Jains. Other Mughal rulers, most notably

Akbar, encouraged and accelerated the blending of Hindu and Islamic beliefs as

well as architectural and artistic forms.

Religious enthusiasm and challenge to orthodoxy in the early modern period was not unique to Europe. In China the philosopher Wang Yangming (1472-1529) initiated a reform of neo-Confucian teaching and practice, which he found dogmatic and snobbish. He argued that ordinary women and men have the capacity to lead honest lives and know good from evil without learning Confucian texts and performing ceremonies. In Iran, the Safavid Dynasty gave support to the Shi'a branch of Islam, thereby challenging Sunni authority. For another example of adoption and adaptation, students can analyze art and texts from Java to see how the journey of nine Sufi saints led to a synthesis of local animism, Hinduism and Islam. On a global scale, religious change in the early modern period tended to promote more personal forms of practice at the expense of the power of entrenched religious institutions and clerics. Religions continued to spread as people sought ways to understand the changes happening around them.

The teacher makes the transition to the question: **What were the effects of the Renaissance and the Scientific Revolution?** by telling students that they will be studying the development and spread of other sets of ideas besides religious ones. The Renaissance was a cultural and intellectual movement that began in the Italian city-states in the mid-fourteenth century and spread across Europe by the sixteenth century.

The Italian Peninsula witnessed significant urbanization and the formation of prosperous independent city-states such as Venice, Genoa, Florence and Milan. With wealth generated from trade and industry, and inspired by commercial and

political rivalry with one another, these city-states experienced a remarkable burst of creativity that produced the artistic and literary advances of the Renaissance. Through extensive contact with Byzantine and Islamic scholars, a considerable body of Greco-Roman knowledge was rediscovered. This revival of classical learning was named humanism. Humanists studied history, moral philosophy, poetry, rhetoric, and grammar, subjects they thought should be the key elements of an enlightened education. Humanism facilitated considerable achievements in literature, such as the works of Dante Alighieri, Machiavelli, and William Shakespeare, and the arts, such the painting and sculpture of Leonardo da Vinci and Michelangelo di Buonarroti Simoni. Students investigate the Renaissance artistic techniques, such as perspective and realistic portraits, and architectural masterpieces, such as the Sistine Chapel. After 1455, the printing press, using moveable metal type, and the availability of manufactured paper disseminated humanism and Italian Renaissance learning to other parts of Europe and beyond. In Northern Europe, humanist interest in the origin and development of languages inspired the creation of new and more exacting Greek and Latin versions of the New Testament as well as vernacular translations of the Bible. This emphasis on exact reading of the Christian scriptures was an important influence upon early Protestant thinkers.

Humanism played a continuing role in advancing science, mathematics, and engineering techniques, as well as the understanding of human anatomy and astronomy. Discoveries led to a Scientific Revolution in early modern Europe. The long-term origins of the Scientific Revolution were rooted in the historical

connections with Greco-Roman rationalism; Jewish, Christian, and Muslim science; and Renaissance humanism. European exploration and colonization in this period also stimulated a desire for intellectual understanding of the human and natural world. New information, new plants, and new animals from the Americas, which were not mentioned in the Bible nor by Aristotle and other ancient Greek authorities, led many to challenge traditional Christian and classical ideas about the universe. Scientists replaced reliance on classical authorities with the methodologies of the Scientific Revolution: empiricism, scientific observation, mathematical proof, and experimental science. They created what is today known as the scientific method. A number of significant inventions and instruments in over the 16th and 17th centuries—the telescope, microscope, thermometer, and barometer—furthered scientific knowledge and understanding. There were significant scientific theories in astronomy and physics, including those associated with Nicolaus Copernicus, Johannes Kepler, Sir Isaac Newton, and Galileo Galilei (a physicist and astronomer who was charged with heresy by the Catholic Church for his public support of Copernicus' theory that the earth revolved around the sun; he spent his final days under house arrest).

By the eighteenth century, scientific thinking and rational thought in Europe were reconciled with religious ideas and practice, as scientists justified their studies as identifying the patterns of the natural world to discover the plan of the divine. Many people accepted the concept that the universe operates according to natural laws, which human reason can discover and explain. The development

of a culture of scientific inquiry in Europe was associated with its autonomous universities in some countries. In these institutions scholars received some legal protection and were relatively free to study and argue what they pleased. Gradually, European scientific knowledge began to inform military, agricultural, and metallurgical technologies. By the early eighteenth century, this culture of scientific inquiry was diffused beyond Europe through the establishment of universities in Mexico, Peru, and North America. The teacher sets up a gallery walk of major inventions and discoveries of the Scientific Revolution and gives students a source analysis chart that includes the questions: **What were the effects of the Scientific Revolution? What modern ideas or technologies came from this invention or discovery?** When students have completed gallery walk, the teacher leads a discussion of the effects of the Scientific Revolution, and lists effects on the board as students identify them.

Newton's recognition that nature was understandable, predictable, and bound by natural laws proved an important inspiration to Locke and other early thinkers associated with the Enlightenment who argued that such laws and understandings were applicable to the human and moral world as well. The Enlightenment emerged from the Scientific Revolution, and the political and social conditions of the 18th century. The students focus on the question: **Why were the social contract and other ideas of the Enlightenment revolutionary?** Beginning in the late seventeenth century, philosophers began to employ the use of reason and scientific methods to scrutinize previously accepted political and social doctrines. Enlightenment thinkers, such as John

Locke, Jean-Jacques Rousseau, Charles-Louis Montesquieu, and Thomas Jefferson, proposed religious toleration, equal rights of all before the law, and the Social Contract. The teacher focuses on the social contract, as it provides the necessary bridge to Grade 8. After explaining its three fundamental concepts, the teacher assigns a choice project: students can either write a story, draw a visual, or act out the three ideas of the social contract. Students work alone on stories or visuals, but form small groups for the acting option. The students can also engage in a service learning project that emphasizes the importance of the responsibility of citizens in a democracy. If the people are the basis of the state, then they must act to protect the state and other citizens, participate in state institutions, such as jury duty and voting, and help insure rights for all.

[In the world of finance, John Law, French Comptroller General under Louis XV, introduced the concepts of a central bank and a stock market. Following the example of the Dutch East India company \(the world's first true private stock market\), Law bet all of his personal wealth and that of the the French treasury on French colonization of Louisiana, establishing the Mississippi Company. Law sold stocks \(ownership\) of the Company to the highest bidders. He and the treasury lost it all as 80% of the colonists died within the first year. By 1720, stock in the Mississippi Company had plummeted by 90%, paving the way to bankruptcy for the French government and contributing sixty-nine years later to the French Revolution. In England, Nathan Mayar Rothschild introduced a bond market as British citizens bought British government bonds to help finance the Napoleonic wars. These two institutions \(stock and bond markets\) allowed](#)

1679 financial capital to flow from savers to investors, greasing the wheels of
1680 commerce to this day.
1681 During the period covered in Grade 7, feudalism declined, capitalism
1682 developed, the concept of mercantilism waxed and waned, product, land, and
1683 labor markets arose as property rights were protected, cottage industries
1684 improved the standard of living for many, and international trade and finance
1685 brought new and improved goods to consumers as well as booms and busts to
1686 financial markets.

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Commented [JC1]: This is meant to provide some guidance for standards 7.6.3 and 7.11.3 which are otherwise ignored in this draft.